

PHILIPPINE ISLANDS
BUREAU OF COMMERCE
AND INDUSTRY

STATISTICAL
BULLETIN

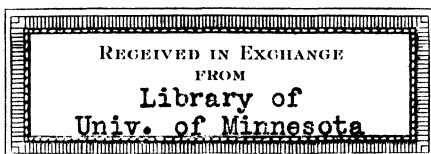
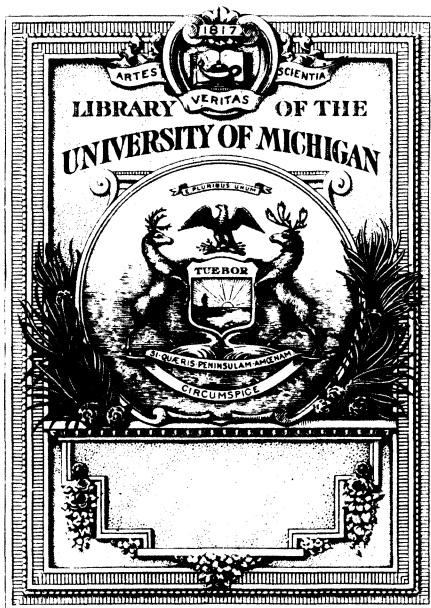
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THE GOVERNMENT OF THE PHILIPPINE ISLANDS
DEPARTMENT OF COMMERCE AND COMMUNICATIONS
BUREAU OF COMMERCE AND INDUSTRY

STATISTICAL BULLETIN

No. 4

OF THE
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1921

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NOTE

This fourth issue of the STATISTICAL BULLETIN covers all available data for the year 1921.

The data for previous years for all statistical tables in this bulletin, with the exception of tables Nos. 2, 4, 5, 22, 23, 24, and 47, may be found in STATISTICAL BULLETIN No. 3 OF THE PHILIPPINE ISLANDS FOR 1920, issued by this Bureau.

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BUSINESS CONDITIONS

The wave of financial depression which has been sweeping the world for over two years, has had its effect strongly felt in the Philippines about the last half of 1920, and continued its course during the year under consideration. In fact the Philippines never was nearer a financial panic in its history since the beginning of American occupation. Both the foreign and domestic commerce suffered a tremendous slump,—the foreign trade, by 32 per cent, and the domestic commerce, by 38 per cent. The acuteness of the depression was greatly accentuated, occurring unexpectedly, as it did, almost in the midst of unprecedented business prosperity in the Islands. For the first time in the history of the country, the values of articles imported exceeded those of domestic products exported by ₱55,446,503. This was a tremendous drain upon our funds abroad, and caused the almost sudden recession of the exchange value of our currency.

Foreign trade.—The values of imports, exports, and total trade of the Philippines during the year 1921, as compared with those of 1920, are as follows:

| Foreign trade. | 1920 | 1921 | Decrease. |
|-------------------|--------------|--------------|-------------|
| Imports | ₱298,876,565 | ₱231,677,148 | ₱67,199,417 |
| Exports | 302,247,711 | 176,230,645 | 126,017,066 |
| Total trade | 601,124,276 | 407,907,793 | 193,216,483 |

The above figures forcefully demonstrate how far our foreign trade has receded. The values of imports declined 22.5 per cent, and exports, 41.7 per cent. The most important decreases in imports and exports are shown in the following:

| Articles. | 1920 | 1921 | Decrease. |
|-----------------------------------|-------------|-------------|-------------|
| IMPORTS. | | | |
| Cotton goods | ₱68,795,756 | ₱37,648,201 | ₱31,147,555 |
| Rice | 16,329,770 | 6,649,395 | 9,680,375 |
| Automobiles and accessories | 14,921,366 | 9,645,260 | 5,276,106 |
| Coal | 10,792,077 | 6,987,004 | 3,805,073 |
| Precious stones | 3,357,680 | 517,893 | 2,839,787 |
| Silk goods | 6,036,511 | 3,721,538 | 2,314,973 |
| EXPORTS. | | | |
| Sugar | 99,238,520 | 51,037,454 | 48,201,066 |
| Hemp, Manila | 71,724,000 | 25,969,385 | 45,754,615 |
| Tabacco products | 39,854,782 | 16,564,434 | 23,290,348 |
| Coconut oil | 46,537,773 | 32,103,036 | 14,434,737 |
| Embroideries | 15,623,567 | 10,696,207 | 4,927,360 |
| Copra meal | 2,393,122 | 1,208,930 | 1,184,192 |

Though the values of importation of the islands receded considerably, a detailed examination of the items which entered during the year reveals some compensatory features. Among these is the general decline in the importation of foodstuffs which is highly indicative of the ability of the country to produce what is needed for local consumption. The total importation of foodstuffs during the year amounted to ₱43,498,974, as compared with ₱61,611,767 in 1920, thus giving a decrease of ₱18,112,793, representing 27 per cent of the total decrease in the year's imports.

The values of the exportation of domestic products have been greatly reduced due to the marked decline of prices in the foreign markets. The volume, however, has been maintained, if not increased over the preceding year, as shown by the following:

| Articles. | 1920 | 1921 | Increase. |
|-------------------|---------------|---------------|---------------|
| | <i>Kilos.</i> | <i>Kilos.</i> | <i>Kilos.</i> |
| Copra..... | 25,803,044 | 150,335,314 | 124,532,270 |
| Copra meal..... | 36,981,990 | 44,419,166 | 7,437,176 |
| Maguey..... | 10,808,725 | 11,991,414 | 1,182,689 |
| Coconut oil..... | 77,571,405 | 90,292,242 | 12,720,837 |
| Sugar..... | 180,340,670 | 289,876,164 | 109,535,494 |
| Leaf tobacco..... | 19,939,788 | 21,931,898 | 1,992,110 |

As usual the United States secured the greatest portion of our foreign trade. During the year it contributed ₱148,260,030 of Philippine imports and secured ₱100,713,586 worth of exports, or 61 per cent of the total trade, as against ₱35,094,966 or 8.6 per cent for Japan, and ₱24,246,278 or 5.9 per cent for China.

Foreign shipping.—Shipping conditions were practically the same as in 1920, only slightly less active. Entrances numbered 871 vessels with a net tonnage of 2,646,455, as compared with 992 and 2,755,752, respectively, in 1920. Clearances numbered 887 with a net tonnage of 2,725,469, as compared with 995 and 2,771,214, respectively, during the preceding year.

Domestic trade.—The chaotic condition of the foreign markets was wholly responsible for the violent decline in prices in the Philippines. The obvious reason is the fact that a very great portion of the islands' produce are sold in foreign countries where not only the demand but also competition with the produce of other countries determine the price. The business boom in the United States was followed by a feverish activity in Philippine markets, and when the United States markets receded, a marked depression in the local market began to be felt. The prices of the staple products may be considered the most reasonable index of business conditions in the islands. The rise of

the index level, therefore, is symptomatic of a favorable reaction in business conditions. Based upon the average prices of 1913, the curve for the first month of 1921 reached the 160.3 level, receding gradually to 99 in September. On December it rose to 108.1.

Manila hemp reached its highest level in April of 1919, 358.9 (₱57.50). By January of 1921, it dropped to 188.6 (₱30.22). It reached its lowest level in September, 114.3 (₱18.31), gradually rising to 122.4 (₱19.60) in October, 122.0 (₱19.55) in November, and 126.5 (₱20.27) in December. With the exception of corn, sugar was the most amenable to fluctuation, rising as high as 683.7, (₱32.75) on June of 1920. By January of 1921 it went down to 210.9 (₱10.10), reaching its lowest level in September, 107.1 (₱5.13). The curve gradually rose to 112.3 (₱5.38) in October, 128.0 (₱6.13) in November, and 119.4 (₱5.72) in December. Coconut oil, tobacco leaf, copra, maguey, rice and others rose and fell in the same manner, though not as violent as those of sugar and Manila hemp. These quotations refer to the average prices based upon all classes of each commodity.

The rates of exchange during the year 1919 oscillated between $4\frac{1}{4}$ to 5 per cent for United States telegraphic transfers and $3\frac{1}{2}$ to $4\frac{1}{2}$ per cent for United States demand drafts (Philippine National Bank selling quotations). During 1920, the rates oscillated between 2 per cent on February 21st to $12\frac{1}{2}$ per cent on December 29th for telegraphic transfers, and $1\frac{1}{2}$ to $11\frac{1}{2}$ per cent for demand drafts on the same dates. These rates continued for some time during 1921 until on February 16th, they rose $\frac{1}{2}$ point each, 13 per cent for telegraphic transfers and 12 per cent for demand drafts. The maximum was reached when on March 5, selling quotations were 14 per cent for telegraphic transfers and 13 per cent for demand drafts. These rates gradually decreased to 3 and 2 per cent, respectively, on October 8th. By the end of 1921 the rates had risen again to $7\frac{1}{4}$ per cent for telegraphic transfers and $6\frac{1}{4}$ per cent for demand drafts.

The monetary circulation of the Islands began to decrease in June, 1920, when from ₱163,428,638 in May it dropped to ₱162,459,596. It gradually and continually decreased until it amounted only to ₱102,792,488 in November, 1921. In December it rose to ₱103,661,820. On the other hand, banking conditions seem to be more reassuring. By the end of 1921, overdrafts decreased from ₱103,547,009 to ₱70,753,659, while bank loans and discounts increased from ₱116,023,841 in 1920 to ₱131,507,519 in 1921. Bank notes in circulation increased from

₱33,368,942 in 1920 to ₱42,237,752 in 1921. Bank profits average 15.4 per cent during the year.

The total internal revenue collections during the year amounted to ₱48,080,112, as compared with ₱59,371,259 during the preceding year. The bulk of this reduction is due to the decrease in the sales of merchants, manufacturers and peddlers upon which a tax of one per centum is levied. The total sales in 1921 amounted to ₱1,022,896,948, as compared with ₱1,646,463,295 in 1920. Income tax, however, increased from ₱4,252,633 in 1920 to ₱4,964,794 in 1921.

A further evidence in the curtailment of commercial activities, specially in the provinces, is the marked decline in the sale of inter-island demand drafts and telegraphic transfers which began by the end of 1920 and continued progressively downward during the year 1921. Telegraphic transfers (no sales of demand drafts) sold by provincial treasurers on Manila and other provincial treasurers amounted only to ₱375,507, as against ₱1,164,681, including ₱600 demand drafts in 1920, or a decrease of 68 per cent. The total sales of telegraphic transfers (no demand drafts sold) in Manila on provincial treasurers amounted to ₱495,469 in 1921, as against ₱2,212,285, including ₱2,200 demand drafts in 1920, or a decrease of 78 per cent. The total sales of inter-island demand drafts and telegraphic transfers during the year amounted to ₱870,976, as compared with ₱3,376,966 in 1920, or a total decrease of ₱2,505,990 or 74 per cent.

Despite the general business depression throughout the Islands building operations were practically unhampered. The cutting of timber was more active during the year, when 653,944 cubic meters were cut as against 554,997 cubic meters in 1920. In the city of Manila the number of buildings of strong materials constructed during the year was 1,054, as against 1,057 in 1920.

With reference to transportation facilities, the general tendency was downward in both passenger and tonnage movement, although the registration of automobiles increased from 8,341 to 9,738 and motor trucks, from 2,722 to 3,053. The Manila Electric Company reports a decrease in the passenger movement of from 42,702,008 to 40,747,563 in 1921. The Manila Railroad Company, however, reports an increase in tonnage movement of from 806,380 in 1920 to 1,051,551 in 1921, though the passenger movement decreased from 9,282,953 in 1920 to 6,956,149 in 1921. This reduction, however, is partly due to the competition of automobiles and motor trucks operating between the city of Manila and nearby provinces.

The rice problem and situation have entirely been altered. Then it was a problem of importation, now it is evidently a problem of transportation to localities which mainly produce export products. With an increase of 215,513,082 kilos in the production of 1921 over that of 1919, when the rice situation became most acute, the production is now deemed sufficient for local consumption. The total quantity of rice transported to non-producing localities during the year 1921 amounted to 3,810,778 *cavans*, as compared with 2,191,880 *cavans* during the preceding year. Of these, Nueva Ecija exported (by rails only) 806,750 *cavans* against 265,278 *cavans* in 1920, Bulacan, 358,813 against 115,601, Tarlac, 223,813 against 55,972, Pangasinan, 251,813 against 88,850, Pampanga, 192,437 against 55,931, and the rest were transhipped through the ports of Manila, Iloilo, Cebu, etc., from foreign countries. The provinces which imported the greatest quantities during the year were Cebu, 357,408 *cavans*, as compared with 63,848 in 1920, Leyte, 217,723 against 206,180, Occidental Negros, 189,030 against 66,548, Sorsogon, 155,535 against 237,113, Albay, 128,230 against 150,587, Samar, 125,055 against 125,025, and Iloilo, 116,187 against 42,124.

During the year there were registered 291 corporations with a total capital stock of ₱18,616,450, of which 7,957,616 were subscribed and ₱6,148,128 were paid-up. During the previous year there were registered 371 corporations with ₱76,205,801, capital stock of which ₱30,667,640 were subscribed and ₱18,404,078 were paid-up. There were registered in the city of Manila 192 partnerships with ₱13,435,156 capital, as compared with 318 and ₱12,584,718, respectively, in 1920. As shown by these figures, the total investment in corporations and partnerships during 1921 amounted to ₱19,583,284, as compared with ₱30,988,796 in 1920, or a decrease of ₱11,405,512. Investments have thus tremendously decreased, except in partnerships which increased by ₱850,438 only. An encouraging feature, however, is noted in the increasing investments during the last months of the year which augurs a more active investment in the future. August of 1921 was the lowest ebb in investment in corporations when it amounted only to ₱104,100. This rose to ₱594,963 in November, and ₱1,216,078 in December, continuing to rise during the first part of 1922 when the total capital invested amounted to ₱1,928,670 in January.

The foregoing facts are indicative of the transition through which we are undergoing. Barring serious economic disturbances in the process of readjustment, which in this country is fortunately going on smoothly, there should now be less cause for

apprehension as to the future. The highest authorities in finance and business in the United States and even in Europe, are generally of the opinion that the turn of the tide is very near, if it has not already come. American businessmen predict the return of normal conditions about the middle of the year. In the Philippines the prospect may be gauged by the continued rise in prices of the staple products during the last three months,—in September the index went down one point below the 1913 level or 99.0, rising gradually to 101.2 in October, 103.1 in November, and 108.1 in December. Although there are a number of adjustments from the effects of the war to be made as yet, there is a general belief in the early return to normal business conditions, stabilized prices, and sounder business opportunities. As business depression is not confined to this country alone, but throughout the whole world, it stands to reason that alone the Philippines can never mend its fences, unless at the same time normal conditions return or prevail in the rest of the world, or a greater portion of it. However, the concensus of opinion is that Europe is now fast recovering from the effects of the titanic struggle,—England is heavily increasing her exports, France and Belgium are steadily building up theirs as a consequence of the rapid internal reconstruction of their industries and agriculture, Germany is now beginning to enter the world foreign trade, and the southern countries are engaged in intensive economic reconstruction. Bolshevik Russia alone, apparently without capital and without credit, is still facing an acute economic and financial crisis. We may therefore expect that, unless some unforeseen events affecting the growing economic stability in this country or in countries with which we maintain intimate commercial relations occur, before the end of the year 1922 business depression in the Islands will have been noticeably diminished.



Director.

JANUARY 31, 1922.

TABLE NO. 1.—Area, population, and date of organization of the provinces

| Provinces and cities. | Date of organization. (Civil Government.) | Area (Square miles). | Population. | | | |
|------------------------|---|----------------------|-------------|------------------|------------|------------------|
| | | | 1918 | Per square mile. | 1920 | Per square mile. |
| Abra..... | Aug. 19, 1901 | 1,475 | 72,731 | 49 | 74,477 | 50 |
| Agusan..... | Aug. 20, 1907 | 4,294 | 44,740 | 10 | 45,132 | 11 |
| Albay..... | Apr. 26, 1901 | 1,543 | 323,234 | 209 | 323,149 | 209 |
| Antique..... | Apr. 13, 1901 | 1,011 | 154,999 | 153 | 154,984 | 153 |
| Bataan..... | Mar. 2, 1901 | 480 | 58,340 | 122 | 58,167 | 121 |
| Batanes..... | May 20, 1909 | 74 | 8,214 | 111 | 8,471 | 114 |
| Batangas..... | May 2, 1901 | 1,270 | 340,199 | 268 | 348,240 | 274 |
| Bohol..... | Apr. 20, 1901 | 1,536 | 358,387 | 233 | 370,455 | 241 |
| Bukidnon..... | Sept. 1, 1914 | 3,871 | 48,544 | 13 | 48,211 | 12 |
| Bulacan..... | Feb. 27, 1901 | 1,007 | 249,292 | 248 | 252,434 | 251 |
| Cagayan..... | Sept. 1, 1901 | 3,007 | 190,129 | 63 | 194,672 | 65 |
| Camarines Norte..... | Apr. 15, 1920 | 779 | 52,081 | 67 | 52,081 | 67 |
| Camarines Sur..... | Apr. 15, 1920 | 2,072 | 218,733 | 106 | 218,227 | 105 |
| Capiz..... | Apr. 15, 1901 | 1,710 | 292,665 | 171 | 295,640 | 173 |
| Cavite..... | June 11, 1901 | 464 | 157,355 | 339 | 157,489 | 339 |
| Cebu..... | Apr. 18, 1901 | 1,867 | 855,065 | 458 | 876,349 | 469 |
| Cotabato..... | Sept. 1, 1914 | 9,620 | 171,978 | 18 | 172,980 | 18 |
| Davao..... | Sept. 1, 1914 | 7,486 | 108,222 | 14 | 108,354 | 14 |
| Ilocos Norte..... | Sept. 1, 1901 | 1,293 | 219,129 | 169 | 222,325 | 172 |
| Ilocos Sur..... | Sept. 1, 1901 | 442 | 217,406 | 492 | 218,986 | 495 |
| Iloilo..... | Apr. 11, 1901 | 2,040 | 502,949 | 246 | 509,901 | 250 |
| Isabela..... | Sept. 10, 1901 | 4,052 | 112,960 | 28 | 114,671 | 28 |
| Laguna..... | July 1, 1902 | 722 | 195,546 | 271 | 196,565 | 272 |
| Lanao..... | Sept. 1, 1914 | 2,439 | 91,459 | 37 | 91,662 | 37 |
| La Union..... | Aug. 15, 1901 | 350 | 160,590 | 459 | 163,107 | 466 |
| Leyte..... | Apr. 22, 1901 | 3,005 | 597,950 | 199 | 616,408 | 205 |
| Marinduque..... | May 1, 1901 | 356 | 56,868 | 160 | 58,299 | 164 |
| Masbate..... | Mar. 18, 1901 | 1,545 | 67,513 | 44 | 68,210 | 44 |
| Mindoro..... | Nov. 10, 1902 | 3,928 | 71,931 | 18 | 71,460 | 18 |
| Misamis..... | May 15, 1901 | 1,030 | 198,943 | 193 | 201,245 | 195 |
| Mountain..... | Aug. 18, 1908 | 6,428 | 237,899 | 37 | 242,858 | 37 |
| Nueva Ecija..... | June 11, 1901 | 2,069 | 227,096 | 110 | 226,434 | 109 |
| Nueva Vizcaya..... | Jan. 28, 1902 | 3,530 | 35,838 | 10 | 36,519 | 10 |
| Occidental Negros..... | Apr. 20, 1901 | 3,125 | 396,636 | 127 | 397,101 | 128 |
| Oriental Negros..... | May 1, 1901 | 1,902 | 272,524 | 143 | 273,277 | 144 |
| Palawan..... | June 23, 1902 | 5,619 | 69,053 | 12 | 69,946 | 12 |
| Pampanga..... | Feb. 13, 1901 | 823 | 257,620 | 313 | 262,076 | 318 |
| Pangasinan..... | Feb. 18, 1901 | 1,944 | 565,922 | 291 | 574,204 | 295 |
| Rizal..... | June 11, 1901 | 899 | 230,256 | 256 | 232,349 | 259 |
| Romblon..... | Mar. 16, 1901 | 505 | 64,610 | 128 | 66,298 | 131 |
| Samar..... | June 17, 1902 | 5,234 | 379,575 | 73 | 387,351 | 74 |
| Sorsogon..... | Apr. 30, 1901 | 729 | 178,443 | 245 | 173,334 | 238 |
| Sulu..... | Sept. 1, 1914 | 1,082 | 172,776 | 160 | 175,332 | 162 |
| Surigao..... | May 15, 1901 | 2,889 | 122,164 | 42 | 123,021 | 43 |
| Tarlac..... | Feb. 18, 1901 | 1,178 | 171,876 | 146 | 176,622 | 150 |
| Tayabas..... | Mar. 12, 1901 | 3,839 | 212,017 | 55 | 213,814 | 56 |
| Zambales..... | Aug. 28, 1901 | 1,421 | 83,750 | 59 | 85,291 | 60 |
| Zamboanga..... | Sept. 1, 1914 | 6,383 | 147,333 | 23 | 146,822 | 23 |
| Baguio, City of..... | Sept. 1, 1909 | 19 | 5,464 | 288 | 5,574 | 293 |
| Manila, City of..... | Aug. 7, 1901 | 14 | 285,306 | 20,379 | 294,606 | 21,051 |
| Total..... | | 114,400 | 10,314,310 | 90 | 10,455,180 | 91 |

TABLE NO. 2.—Comparative summary of the population of the Philippine Islands for 1903 and 1918

| Classification. | Population. | | Classification. | Population. | |
|-----------------------|-------------|------------|--------------------------------------|-------------|------------|
| | 1903 | 1918 | | 1903 | 1918 |
| Total population..... | 7,635,426 | 10,314,310 | AGE GROUP | | |
| Per square mile..... | 67 | 90 | Under 5 years..... | 1,054,096 | 1,890,798 |
| Christians..... | 6,987,686 | 9,381,357 | Males..... | 532,197 | 954,004 |
| Non-Christians..... | 647,740 | 932,953 | Females..... | 521,899 | 936,784 |
| Total males..... | *3,496,652 | 5,177,568 | Under 10 years..... | 2,014,160 | 3,312,555 |
| Total females..... | *3,491,034 | 5,136,742 | Males..... | 1,022,875 | 1,680,934 |
| | | | Females..... | 991,285 | 1,631,611 |
| RACE | | | School age (6 to 17 years)..... | *2,137,397 | 3,007,569 |
| Brown..... | 6,914,880 | 9,386,826 | Males..... | *1,087,266 | 1,522,755 |
| Males..... | 3,435,848 | 4,692,426 | Females..... | *1,050,131 | 1,484,814 |
| Females..... | 3,479,032 | 4,694,400 | Military age, males..... | *1,333,069 | *1,799,506 |
| Yellow..... | 42,097 | 50,826 | Voting age, males ¹ | 1,677,525 | 2,125,423 |
| Males..... | 41,071 | 47,296 | | | |
| Females..... | 1,026 | 3,530 | CIVIL STATUS | | |
| White..... | 14,271 | 12,390 | Single..... | 3,939,422 | 5,587,237 |
| Males..... | 11,450 | 8,592 | Males..... | 2,049,894 | 2,896,336 |
| Females..... | 2,821 | 3,798 | Females..... | 1,889,528 | 2,690,901 |
| Negro..... | 1,019 | 7,623 | Married..... | 2,314,583 | 3,389,819 |
| Males..... | 767 | 4,029 | Males..... | 1,163,562 | 1,697,886 |
| Females..... | 252 | 3,594 | Females..... | 1,151,021 | 1,691,933 |
| American Negro..... | | 185 | Widowed..... | 499,999 | 515,247 |
| Males..... | | 124 | Males..... | 168,063 | 176,078 |
| Females..... | | 61 | Females..... | 331,936 | 339,169 |
| Aeta..... | | 7,438 | | | |
| Males..... | | 3,905 | INSTRUCTION ^m | | |
| Females..... | | 3,533 | Literacy..... | 2,211,433 | 3,138,634 |
| Half-breed..... | 15,419 | 34,663 | Males..... | 1,161,925 | 1,681,566 |
| Males..... | 7,516 | 17,974 | Females..... | 1,049,508 | 1,457,068 |
| Females..... | 7,903 | 16,689 | Can speak: | | |
| CITIZENSHIP | | | English..... | | 896,258 |
| Filipino..... | b6,931,548 | 9,428,291 | Males..... | | 569,501 |
| Males..... | b3,443,816 | 4,714,175 | Females..... | | 326,757 |
| Females..... | b3,487,732 | 4,714,116 | Spanish..... | b76,627 | 757,463 |
| Foreign..... | b56,138 | *65,149 | Males..... | b59,020 | 511,721 |
| Males..... | b52,836 | 56,142 | Females..... | b17,607 | 245,742 |
| Females..... | b3,302 | 7,895 | Can read: | | |
| American..... | b8,135 | *5,808 | English..... | | 885,854 |
| Males..... | b6,920 | 3,853 | Males..... | | 563,495 |
| Females..... | b1,215 | 1,921 | Females..... | | 322,359 |
| Spanish..... | b3,888 | *4,032 | Spanish..... | | 879,811 |
| Males..... | b3,187 | 2,760 | Males..... | | 587,588 |
| Females..... | b701 | 1,185 | Females..... | | 292,223 |
| English..... | b667 | *1,202 | Can write: | | |
| Males..... | b549 | 864 | English..... | | 854,545 |
| Females..... | b118 | 276 | Males..... | | 540,552 |
| German..... | b368 | *238 | Females..... | | 313,993 |
| Males..... | b344 | 187 | Spanish..... | i1,002,588 | 664,822 |
| Females..... | b24 | 99 | Males..... | i735,564 | 454,052 |
| French..... | b121 | 182 | Females..... | i267,024 | 210,770 |
| Males..... | b105 | 87 | Illiteracy ⁱ | 2,762,093 | 3,242,627 |
| Females..... | b16 | 95 | Males ⁱ | 1,311,852 | 1,489,547 |
| Swiss..... | | 125 | Females ⁱ | 1,450,241 | 1,753,080 |
| Males..... | | 90 | | | |
| Females..... | | 35 | OCCUPATION | | |
| Chinese..... | b41,035 | *44,239 | Agricultural laborers..... | 1,254,063 | 2,601,299 |
| Males..... | b40,518 | 40,704 | Males..... | 1,163,777 | 1,871,197 |
| Females..... | b517 | 3,038 | Females..... | 90,286 | 730,102 |
| Japanese..... | b921 | *8,294 | Professional..... | 25,637 | 685,507 |
| Males..... | b475 | 6,904 | Males..... | 23,358 | 409,737 |
| Females..... | b446 | 902 | Females..... | 2,279 | 275,770 |
| All other..... | b1,003 | *979 | Domestic services..... | 571,955 | 1,853,804 |
| Males..... | b738 | 693 | Males..... | 431,388 | 518,103 |
| Females..... | b265 | 284 | Females..... | 140,567 | 1,335,701 |
| RELIGION | | | Commerce..... | 226,555 | 426,547 |
| Catholic..... | d6,559,998 | 7,790,937 | Males..... | 150,989 | 252,894 |
| Aglipayan..... | | 1,417,448 | Females..... | 75,566 | 173,653 |
| Protestant..... | | 124,575 | Industrial pursuits..... | 959,670 | 865,698 |
| Mohammedan..... | | 443,037 | Males..... | 243,081 | 168,999 |
| Pagan..... | | 508,596 | Females..... | 716,589 | 696,699 |
| Budhist..... | | 24,263 | Unknown..... | k3,037,880 | 8,295 |
| All other..... | | 5,454 | Males..... | k2,012,593 | 3,666 |
| | | | Females..... | k1,025,287 | 4,629 |

^a Christians only. ^b Birthplace. ^c Males and females in specially organized provinces, not separately stated. ^d In 1898. ^e Includes children of 5 years of age. ^f 18 to 44 years only, for 1903; 18 to 45 years, for 1918. ^g Males from specially organized provinces not included. ^h Have superior education. ⁱ Over 10 years of age. ^j Can read and write. ^k Wage earners. ^l 21 years and over. ^m Filipino citizens from 10 years and over.

TABLE NO. 3.—Area cultivated, quantity produced and average yield per hectare of the staple crops, by provinces, for the year ended June 30, 1921

[Source: Bureau of Agriculture]

| Provinces. | Palay or rough rice. | | | Abaca. | | |
|------------------------|----------------------|--------------------|----------------------------|------------------|--------------------|-----------------------------|
| | Area cultivated. | Quantity produced. | Average yield per hectare. | Area cultivated. | Quantity produced. | Average yield per hectare.* |
| | Hectares. | Cavans. | Kilos. | Hectares. | Kilos. | Kilos. |
| Abra..... | 13,556 | 222,063 | 704 | | | |
| Agusan..... | 7,290 | 105,716 | 624 | 9,783 | 2,514,035 | 320 |
| Albay..... | 42,339 | 1,058,090 | 1,075 | 88,386 | 15,335,152 | 306 |
| Antique..... | 30,486 | 498,285 | 703 | 914 | 117,708 | 490 |
| Bataan..... | 12,668 | 385,008 | 1,307 | | | |
| Batanes..... | 57 | 825 | 622 | | | |
| Batangas..... | 50,945 | 734,821 | 620 | 895 | 12,081 | 129 |
| Bohol..... | 38,467 | 529,464 | 592 | 1,718 | 192,660 | 244 |
| Bukidnon..... | 2,113 | 18,526 | 377 | 6,711 | 1,082,077 | 405 |
| Bulacan..... | 62,195 | 1,711,255 | 1,183 | | | |
| Cagayan..... | 28,923 | 597,744 | 889 | | | |
| Camarines Norte..... | 5,970 | 132,074 | 951 | 17,786 | 2,481,045 | 270 |
| Camarines Sur..... | 46,057 | 964,667 | 901 | 57,941 | 6,147,204 | 344 |
| Capiz..... | 45,638 | 1,151,630 | 1,085 | 6,683 | 1,224,457 | 337 |
| Cavite..... | 40,446 | 726,611 | 773 | 12,843 | 1,245,695 | 202 |
| Cebu..... | 11,166 | 168,508 | 649 | 7,014 | 698,208 | 293 |
| Cotabato..... | 18,473 | 261,367 | 608 | 357 | 68,500 | 304 |
| Davao..... | 7,837 | 119,062 | 653 | 34,277 | 14,732,035 | 597 |
| Ilocos Norte..... | 64,859 | 1,082,154 | 717 | | | |
| Ilocos Sur..... | 46,142 | 843,961 | 787 | | | |
| Iloilo..... | 137,238 | 2,303,465 | 722 | 2,824 | 546,733 | 332 |
| Isabela..... | 3,015 | 63,355 | 904 | | | |
| Laguna..... | 29,081 | 780,739 | 1,154 | 3,670 | 395,376 | 294 |
| Lanao..... | 15,655 | 218,752 | 601 | 1,003 | 151,737 | 356 |
| La Union..... | 54,958 | 1,366,380 | 1,069 | | | |
| Leyte..... | 34,625 | 803,297 | 998 | 111,431 | 28,317,151 | 502 |
| Marinduque..... | 11,576 | 206,993 | 769 | 3,721 | 362,486 | 221 |
| Masbate..... | 3,250 | 38,021 | 503 | 1,833 | 411,251 | 478 |
| Mindoro..... | 8,566 | 152,681 | 766 | 4,971 | 1,024,144 | 354 |
| Misamis..... | 9,807 | 273,905 | 1,201 | 13,017 | 2,734,229 | 446 |
| Mountain..... | 42,235 | 594,973 | 606 | | | |
| Nueva Ecija..... | 184,916 | 7,818,088 | 1,818 | | | |
| Nueva Vizcaya..... | 6,811 | 206,439 | 1,303 | | | |
| Occidental Negros..... | 45,293 | 722,423 | 686 | 4,931 | 359,385 | 199 |
| Oriental Negros..... | 6,005 | 165,583 | 1,186 | 11,506 | 316,501 | 233 |
| Palawan..... | 4,865 | 64,829 | 573 | 7 | 2,024 | 506 |
| Pampanga..... | 76,099 | 1,818,637 | 1,028 | | | |
| Pangasinan..... | 183,848 | 6,628,197 | 1,550 | | | |
| Rizal..... | 18,741 | 548,220 | 1,258 | | | |
| Romblon..... | 7,449 | 124,761 | 720 | 1,655 | 97,595 | 129 |
| Samar..... | 18,663 | 318,937 | 735 | 47,968 | 9,436,187 | 375 |
| Sorsogon..... | 17,078 | 207,678 | 523 | 61,640 | 13,197,176 | 341 |
| Sulu..... | 2,180 | 31,350 | 618 | 210 | 31,625 | 151 |
| Surigao..... | 19,246 | 394,141 | 881 | 25,651 | 3,477,160 | 272 |
| Tarlac..... | 91,590 | 2,965,352 | 1,392 | | | |
| Tayabas..... | 29,406 | 541,344 | 792 | 1,839 | 262,487 | 394 |
| Zambales..... | 26,458 | 598,868 | 973 | | | |
| Zamboanga..... | 9,100 | 209,301 | 989 | 4,909 | 1,379,426 | 510 |
| Total..... | 1,673,381 | 41,478,540 | 1,066 | 548,094 | 108,353,530 | 385 |

* Based on area harvested.

NOTE.—Total production clean rice—20,198,260 cavans. One *cavan*, clean rice, equals 2.05357 cavans, rough rice.

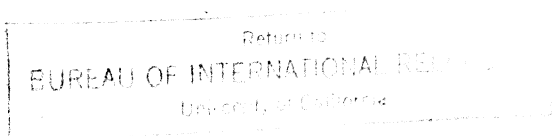


TABLE NO. 3.—Area cultivated, quantity produced and average yield
June 30,

| Provinces. | Sugar cane. | | | Tobacco. | | |
|------------------------|------------------|--------------------|----------------------------|------------------|--------------------|----------------------------|
| | Area cultivated. | Quantity produced. | Average yield per hectare. | Area cultivated. | Quantity produced. | Average yield per hectare. |
| | Hectares. | Metric tons.* | Kilos. | Hectares. | Kilos. | Kilos. |
| Abra..... | 333 | 367 | 1,102 | 2,027 | 721,372 | 356 |
| Agusan..... | 243 | 5 | 21 | 140 | 28,152 | 201 |
| Albay..... | 741 | 316 | 426 | ..... | ..... | ..... |
| Antique..... | 3,922 | 8,207 | 2,092 | 210 | 67,160 | 320 |
| Bataan..... | 2,631 | 3,312 | 1,259 | ..... | ..... | ..... |
| Batanes..... | 46 | 1 | 29 | 9 | 4,692 | 521 |
| Batangas..... | 28,840 | 61,478 | 2,132 | 190 | 20,332 | 107 |
| Bohol..... | 998 | 1,313 | 1,315 | 421 | 115,920 | 276 |
| Bukidnon..... | 94 | 9 | 94 | 58 | 4,922 | 85 |
| Bulacan..... | 4,216 | 3,878 | 920 | 42 | 14,490 | 345 |
| Cagayan..... | 253 | 61 | 241 | 11,570 | 8,181,284 | 707 |
| Camarines Norte..... | 239 | 66 | 278 | ..... | ..... | ..... |
| Camarines Sur..... | 1,975 | 1,657 | 839 | 4 | 606 | 127 |
| Capiz..... | 2,523 | 9,780 | 3,876 | 215 | 39,514 | 184 |
| Cavite..... | 3,333 | 8,872 | 2,662 | 58 | 15,410 | 266 |
| Cebu..... | 7,237 | 9,163 | 1,266 | 10,688 | 5,521,656 | 517 |
| Cotabato..... | 106 | 84 | 789 | 213 | 35,374 | 166 |
| Davao..... | ..... | ..... | ..... | 173 | 21,574 | 125 |
| Ilocos Norte..... | 2,779 | 728 | 262 | 3,500 | 1,751,086 | 500 |
| Ilocos Sur..... | 8,818 | 20,399 | 2,313 | 1,266 | 531,898 | 420 |
| Iloilo..... | 13,533 | 23,352 | 1,726 | 2,927 | 1,327,744 | 454 |
| Isabela..... | 124 | ..... | 3 | 27,657 | 17,668,922 | 639 |
| Laguna..... | 7,191 | 13,213 | 1,837 | ..... | ..... | ..... |
| Lanao..... | 328 | 358 | 1,091 | 141 | 53,222 | 377 |
| La Union..... | 2,731 | 4,950 | 1,813 | 8,308 | 4,807,782 | 579 |
| Leyte..... | 1,752 | 2,265 | 1,293 | 921 | 433,458 | 471 |
| Marinduque..... | 55 | 34 | 621 | 56 | 16,330 | 292 |
| Masbate..... | 31 | 31 | 1,000 | 576 | 65,550 | 114 |
| Mindoro..... | 1,996 | 6,758 | 3,386 | 72 | 31,004 | 431 |
| Misamis..... | 57 | 104 | 1,815 | 142 | 36,294 | 256 |
| Mountain..... | 676 | 489 | 724 | 1,213 | 332,488 | 274 |
| Nueva Ecija..... | 924 | 2,219 | 2,402 | 2,302 | 899,622 | 391 |
| Nueva Vizcaya..... | 114 | 58 | 507 | 86 | 31,740 | 369 |
| Occidental Negros..... | 82,635 | 242,385 | 2,933 | 2,207 | 693,450 | 314 |
| Oriental Negros..... | 3,200 | 19,432 | 6,072 | 1,093 | 570,814 | 522 |
| Palawan..... | 15 | 23 | 1,556 | 13 | 6,440 | 495 |
| Pamapanga..... | 36,500 | 58,432 | 1,601 | ..... | ..... | ..... |
| Pangasinan..... | 4,781 | 10,292 | 2,153 | 10,400 | 7,820,322 | 752 |
| Rizal..... | 1,940 | 2,314 | 1,193 | 25 | 7,038 | 282 |
| Romblon..... | ..... | ..... | ..... | 155 | 43,424 | 280 |
| Samar..... | 910 | 639 | 703 | 499 | 192,970 | 387 |
| Sorsogon..... | 2,186 | 2,608 | 1,147 | 8 | 1,196 | 399 |
| Sulu..... | ..... | ..... | ..... | 10 | 4,600 | 460 |
| Surigao..... | 364 | 487 | 1,337 | 198 | 134,596 | 680 |
| Tarlac..... | 8,534 | 14,019 | 1,643 | 1,009 | 490,820 | 486 |
| Tayabas..... | 940 | 447 | 475 | 69 | 9,890 | 143 |
| Zambales..... | 346 | 114 | 329 | 47 | 10,488 | 223 |
| Zamboanga..... | 155 | 115 | 739 | 67 | 33,534 | 500 |
| Total..... | 241,345 | 534,734 | 2,216 | 90,980 | 52,799,030 | 580 |

* One metric ton equals one thousand kilos.

per hectare of the staple crops, by provinces, for the year ended 1921—Continued

| Coconuts. | | | Shelled corn. ^b | | | Maguey. | | |
|------------------|--------------------|----------------------------|----------------------------|-------------------|----------------------------|------------------|--------------------|---|
| Area cultivated. | Quantity produced. | Average yield per hectare. | Area cultivated. | Quantity produced | Average yield per hectare. | Area cultivated. | Quantity produced. | Average yield per hectare. ^c |
| Hectares. | Nuts. | Nuts. | Hectares. | Cavans. | Kilos. | Hectares. | Kilos. | Kilos. |
| 44 | 37,542 | 853 | 10,067 | 119,343 | 694 | 85 | 2,530 | 115 |
| 2,617 | 9,314,521 | 3,559 | 2,826 | 48,096 | 996 | | | |
| 21,617 | 38,602,827 | 1,786 | 2,625 | 34,374 | 766 | | | |
| 3,578 | 3,164,677 | 884 | 2,865 | 32,694 | 668 | 48 | 1,075 | 179 |
| 185 | 190,317 | 1,029 | 767 | 5,286 | 403 | | | |
| 120 | 54,422 | 454 | 62 | 516 | 487 | | | |
| 5,737 | 5,793,704 | 1,010 | 19,305 | 197,302 | 598 | | | |
| 12,188 | 45,954,005 | 3,770 | 27,204 | 329,805 | 709 | 3,344 | 672,588 | 292 |
| 99 | 72,200 | 729 | 2,051 | 20,082 | 573 | | | |
| 110 | 140,135 | 1,274 | 4,014 | 33,356 | 486 | | | |
| 1,228 | 2,938,588 | 2,393 | 22,400 | 330,607 | 863 | 29 | | |
| 7,822 | 21,012,115 | 2,686 | 271 | 3,003 | 648 | | | |
| 14,047 | 19,912,945 | 1,418 | 1,572 | 19,722 | 734 | | | |
| 10,979 | 18,189,739 | 1,657 | 5,611 | 66,442 | 693 | 2 | | |
| 1,224 | 1,685,570 | 1,377 | 3,088 | 26,831 | 508 | | | |
| 30,706 | 141,942,951 | 4,623 | 165,278 | 2,457,572 | 870 | 14,289 | 5,756,008 | 638 |
| 2,621 | 1,441,538 | 550 | 5,609 | 75,388 | 786 | | | |
| 4,066 | 3,469,325 | 853 | 1,999 | 36,990 | 1,083 | | | |
| 276 | 439,337 | 1,592 | 5,772 | 61,234 | 621 | 4,360 | 441,135 | 374 |
| 588 | 1,239,857 | 2,109 | 9,952 | 113,038 | 664 | 5,123 | 1,739,881 | 665 |
| 7,937 | 14,672,541 | 1,849 | 20,583 | 202,821 | 576 | 20 | 6,704 | 372 |
| 50 | 254,000 | 5,080 | 40,394 | 356,999 | 517 | | | |
| 43,572 | 265,792,915 | 6,100 | 1,470 | 18,190 | 724 | | | |
| 1,150 | 897,125 | 780 | 3,078 | 23,969 | 456 | | | |
| 1,002 | 1,982,239 | 1,978 | 4,932 | 56,859 | 674 | 286 | 2,214 | 221 |
| 15,864 | 94,410,940 | 5,951 | 36,088 | 534,994 | 867 | 544 | 14,231 | 138 |
| 10,106 | 19,551,521 | 1,935 | 284 | 3,006 | 619 | 4 | | |
| 5,320 | 9,384,367 | 1,764 | 3,800 | 32,484 | 500 | 92 | 13,915 | 296 |
| 6,159 | 9,707,432 | 1,576 | 1,313 | 9,961 | 444 | | | |
| 24,278 | 169,517,723 | 6,982 | 25,184 | 323,749 | 752 | | | |
| 91 | 87,295 | 959 | 432 | 4,907 | 664 | 12 | | |
| 205 | 140,950 | 688 | 5,767 | 49,321 | 500 | | | |
| 19 | 7,217 | 380 | 482 | 5,586 | 678 | 1 | | |
| 6,209 | 20,930,076 | 3,371 | 33,195 | 445,962 | 786 | 45 | 33,712 | 843 |
| 10,548 | 33,534,018 | 3,179 | 29,609 | 317,181 | 627 | 340 | 77,734 | 352 |
| 2,550 | 7,806,871 | 3,062 | 774 | 6,140 | 464 | | | |
| 52 | 42,575 | 819 | 7,059 | 49,404 | 409 | 4 | | |
| 9,998 | 21,325,114 | 2,133 | 12,987 | 154,259 | 695 | 1,542 | 372,163 | 433 |
| 61 | 2,117 | 35 | 1,161 | 9,722 | 490 | | | |
| 8,954 | 10,132,568 | 1,132 | 1,877 | 31,091 | 969 | 6 | | |
| 23,606 | 135,334,692 | 5,733 | 4,343 | 49,575 | 668 | 2 | | |
| 6,337 | 14,560,296 | 2,298 | 2,608 | 37,551 | 842 | | | |
| 1,393 | 1,214,000 | 872 | 600 | 2,750 | 268 | | | |
| 6,247 | 33,683,119 | 5,392 | 2,451 | 19,637 | 469 | 2 | | |
| 296 | 297,144 | 1,004 | 3,067 | 39,492 | 753 | 8 | 949 | 475 |
| 89,935 | 296,554,577 | 3,297 | 3,678 | 43,336 | 689 | | | |
| 1,530 | 2,368,730 | 1,548 | 451 | 4,203 | 545 | 167 | 42,631 | 600 |
| 14,639 | 67,794,655 | 4,631 | 2,823 | 39,166 | 812 | 30 | | |
| 417,959 | 1,547,583,132 | 3,703 | 543,828 | 6,883,996 | 741 | 30,385 | 9,177,470 | 556 |

^b One cavan shelled corn weighs about 58.5 kilos.

^c Based on area harvested.

TABLE NO. 3.—Area cultivated, quantity produced and average yield per hectare, etc.—Continued

| Provinces. | Cacao. | | | Coffee. | | | Total value. ^b |
|------------------------|------------------|--------------------|----------------------------|------------------|--------------------|----------------------------|---------------------------|
| | Area cultivated. | Quantity produced. | Average yield per hectare. | Area cultivated. | Quantity produced. | Average yield per hectare. | |
| | Hectares. | Kilos. | Kilos. | Hectares. | Kilos. | Kilos. | Thousands. |
| Abra | 1 | 286 | 286 | 5 | 3,476 | 695 | P2,348 |
| Agusan.. .. | 32 | 17,570 | 549 | 7 | 4,145 | 592 | 1,420 |
| Albay | 22 | 12,929 | 588 | 5 | 959 | 192 | 9,812 |
| Antique.. .. | 12 | 13,252 | 1,104 | 16 | 11,693 | 731 | 4,152 |
| Bataan | 4 | 13,159 | 3,290 | 2 | 1,588 | 794 | 2,130 |
| Batanes..... | | | | (*) | 16 | | 34 |
| Batangas.. .. | 35 | 24,079 | 688 | 99 | 152,780 | 1,543 | 11,038 |
| Bohol..... | 82 | 86,082 | 1,050 | 16 | 9,010 | 563 | 7,503 |
| Bukidnon..... | 3 | 2,290 | 763 | 13 | 32,900 | 2,531 | 420 |
| Bulacan..... | 6 | 3,287 | 548 | 4 | 2,084 | 521 | 6,890 |
| Cagayan..... | 9 | 5,383 | 598 | 9 | 7,091 | 788 | 6,823 |
| Camarines Norte..... | 9 | 7,194 | 799 | (*) | 287 | | 2,171 |
| Camarines Sur..... | 44 | 37,981 | 863 | 8 | 6,850 | 856 | 5,500 |
| Capiz..... | 13 | 12,384 | 953 | 9 | 3,497 | 389 | 8,265 |
| Cavite..... | 79 | 52,771 | 668 | 91 | 195,400 | 2,147 | 5,482 |
| Cebu..... | 83 | 183,149 | 2,207 | 21 | 26,937 | 1,283 | 27,257 |
| Cotabato..... | 2 | 2,328 | 1,164 | 1 | 621 | 621 | 1,570 |
| Davao..... | 3 | 1,300 | 433 | 2 | 3,136 | 1,568 | 4,984 |
| Ilocos Norte..... | 14 | 5,354 | 382 | 17 | 18,739 | 1,102 | 7,812 |
| Ilocos Sur..... | 5 | 6,899 | 1,380 | 12 | 19,098 | 1,592 | 8,028 |
| Iloilo..... | 78 | 15,102 | 194 | 105 | 98,088 | 934 | 19,993 |
| Isabela..... | 4 | 778 | 195 | 1 | 1,208 | 1,208 | 7,117 |
| Laguna..... | 15 | 13,474 | 898 | 4 | 2,662 | 666 | 22,426 |
| Lanao..... | 4 | 5,980 | 1,495 | 19 | 30,676 | 1,615 | 1,263 |
| La Union..... | 43 | 95,200 | 2,214 | 30 | 94,380 | 3,146 | 9,708 |
| Leyte..... | 29 | 25,043 | 864 | 5 | 7,010 | 1,402 | 18,669 |
| Marinduque..... | 5 | 1,530 | 306 | 6 | 10,250 | 1,708 | 1,806 |
| Masbate..... | 1 | 960 | 960 | (*) | 76 | | 962 |
| Mindoro..... | 14 | 18,093 | 1,292 | 11 | 11,370 | 1,034 | 3,628 |
| Misamis..... | 13 | 10,846 | 834 | 12 | 17,934 | 1,495 | 9,657 |
| Mountain..... | 13 | 5,620 | 432 | 184 | 107,600 | 585 | 3,353 |
| Nueva Ecija..... | 5 | 4,934 | 987 | 9 | 9,874 | 1,097 | 20,641 |
| Nueva Vizcaya..... | 2 | 1,729 | 865 | 5 | 7,605 | 1,521 | 1,207 |
| Occidental Negros..... | 47 | 27,664 | 589 | 4 | 5,058 | 1,265 | 59,838 |
| Oriental Negros..... | 117 | 41,977 | 359 | 37 | 101,626 | 2,747 | 7,969 |
| Palawan..... | 4 | 1,012 | 253 | 3 | 2,289 | 763 | 709 |
| Pampanga..... | 4 | 5,333 | 1,333 | 3 | 2,600 | 867 | 11,794 |
| Pangasinan..... | 46 | 54,950 | 1,195 | 28 | 22,168 | 792 | 28,541 |
| Rizal..... | 5 | 2,885 | 577 | 5 | 2,876 | 575 | 2,399 |
| Romblon..... | 3 | 1,362 | 454 | 1 | 484 | 484 | 1,295 |
| Samar..... | 19 | 19,957 | 1,050 | 5 | 2,845 | 569 | 9,972 |
| Sorsogon..... | 21 | 7,399 | 352 | 2 | 1,548 | 774 | 5,303 |
| Sulu..... | | | | (*) | 64 | | 239 |
| Surigao..... | 20 | 12,506 | 625 | 2 | 1,300 | 650 | 3,426 |
| Tarlac..... | 2 | 2,882 | 1,441 | 2 | 6,379 | 3,190 | 8,699 |
| Tayabas..... | 57 | 28,358 | 498 | 14 | 9,132 | 652 | 15,374 |
| Zambales..... | 4 | 4,859 | 1,215 | 3 | 1,813 | 604 | 2,248 |
| Zamboanga..... | 2 | 830 | 415 | 2 | 3,076 | 1,538 | 4,760 |
| Total..... | 1,035 | 888,940 | 859 | 839 | 1,062,298 | 1,266 | 406,635 |

^a Less than one-half hectare.^b Total value of all the foregoing crops in the municipal markets.

TABLE NO. 4.—Number of farms classified according to tenure, by provinces, 1903 and 1918

| Provinces. | Census year. | Nature of tenure. | | | | | Total. |
|-------------------------------|--------------|-------------------|---------------|----------------|----------------|---------------|---------------|
| | | Owners. | Cash tenants. | Share tenants. | Labor tenants. | No rental. | |
| | | <i>Farms.</i> | <i>Farms.</i> | <i>Farms.</i> | <i>Farms.</i> | <i>Farms.</i> | <i>Farms.</i> |
| Abra..... | 1903 | 9,917 | 138 | 3,522 | ..... | 78 | 13,655 |
| | 1918 | 32,454 | 384 | 7,272 | 3 | 2,301 | 42,414 |
| Agusan..... | 1918 | 3,332 | 1,080 | 39 | 2 | 409 | 4,862 |
| | 1903 | 32,190 | 411 | 75 | ..... | 118 | 32,794 |
| Albay..... | 1918 | 57,301 | 477 | 3,637 | 12 | 3,127 | 64,554 |
| | 1903 | 13,056 | 7 | 27 | ..... | 20 | 13,110 |
| Antique..... | 1918 | 21,320 | 161 | 3,156 | ..... | 3,388 | 23,025 |
| | 1903 | 1,157 | 52 | 1,073 | 1 | 21 | 2,304 |
| Bataan..... | 1918 | 4,343 | 1,012 | 1,875 | 1 | 1,269 | 8,500 |
| Batanes ¹ | 1918 | 2,437 | 12 | 200 | ..... | 428 | 3,077 |
| Batangas..... | 1903 | 19,017 | 146 | 3,475 | ..... | 657 | 23,295 |
| | 1918 | 56,946 | 1,662 | 8,949 | 128 | 1,793 | 69,478 |
| Bohol..... | 1903 | 34,212 | 5 | 2,401 | ..... | 251 | 36,869 |
| | 1918 | 74,349 | 207 | 9,461 | 283 | 3,993 | 88,293 |
| Bukidnon..... | 1918 | 4,028 | 31 | 18 | ..... | 290 | 4,367 |
| | 1903 | 5,218 | 3,458 | 12,114 | 4 | 301 | 21,095 |
| Bulacan..... | 1918 | 27,144 | 8,559 | 4,741 | 199 | 2,996 | 43,639 |
| Cagayan ² | 1903 | 16,539 | 41 | 1,588 | ..... | 36 | 18,204 |
| | 1918 | 40,685 | 658 | 6,290 | 80 | 4,520 | 52,233 |
| Camarines Norte | 1903 | 11,991 | 13 | 364 | 2 | 493 | 12,863 |
| Camarines Sur | 1918 | 51,744 | 4,122 | 2,146 | 27 | 1,140 | 59,179 |
| Capiz..... | 1903 | 23,940 | 58 | 844 | 8 | 119 | 24,969 |
| | 1918 | 25,399 | 380 | 7,548 | 56 | 2,871 | 36,854 |
| Cavite..... | 1903 | 5,996 | 265 | 2,429 | 15 | 935 | 9,640 |
| | 1918 | 20,238 | 1,056 | 4,728 | 37 | 948 | 27,007 |
| Cebu..... | 1903 | 50,545 | 73 | 28,975 | 23 | 615 | 80,231 |
| | 1918 | 125,403 | 3,975 | 20,086 | 24 | 8,585 | 158,073 |
| Cotabato..... | 1903 | 32 | ..... | 18 | ..... | 725 | 82 |
| | 1918 | 1,033 | ..... | 18 | ..... | 725 | 1,776 |
| Davao..... | 1903 | 1,233 | 11 | 2 | ..... | 63 | 1,309 |
| | 1918 | 4,811 | 298 | 293 | 1 | 1,245 | 6,646 |
| Ilocos Norte..... | 1903 | 46,327 | 3 | 17,283 | 997 | 202 | 64,812 |
| | 1918 | 99,022 | 1,195 | 31,879 | 336 | 5,025 | 137,457 |
| Ilocos Sur..... | 1903 | 11,987 | 17 | 9,384 | ..... | 91 | 21,479 |
| | 1918 | 69,366 | 1,399 | 39,555 | 1,010 | 1,747 | 113,077 |
| Iloilo..... | 1903 | 33,838 | 162 | 4,402 | ..... | 264 | 34,666 |
| | 1918 | 58,940 | 1,657 | 17,738 | 115 | 3,947 | 82,397 |
| Isabela..... | 1903 | 8,859 | 963 | 1,706 | 82 | 128 | 11,738 |
| | 1918 | 17,166 | 3,237 | 3,016 | 54 | 3,427 | 26,900 |
| Laguna..... | 1903 | 20,184 | 772 | 340 | 7 | 722 | 22,025 |
| | 1918 | 51,418 | 2,256 | 2,133 | 335 | 1,314 | 57,456 |
| Lanao..... | 1918 | 1,022 | 6 | 42 | ..... | 213 | 1,283 |
| La Union..... | 1903 | 33,713 | 42 | 4,455 | ..... | 9 | 38,219 |
| | 1918 | 72,593 | 1,095 | 10,455 | 144 | 3,799 | 88,086 |
| Leyte..... | 1903 | 33,660 | 33 | 2,991 | 23 | 374 | 37,081 |
| | 1918 | 73,259 | 719 | 5,959 | 45 | 2,046 | 83,028 |
| Marinduque ³ | 1918 | 23,704 | 463 | 471 | ..... | 367 | 25,005 |
| Masbate..... | 1903 | 2,955 | 8 | 66 | ..... | 61 | 3,090 |
| | 1918 | 6,659 | 50 | 484 | ..... | 2,091 | 9,234 |
| Mindoro..... | 1903 | 1,767 | 3 | 306 | ..... | 24 | 2,100 |
| | 1918 | 8,141 | 28 | 190 | 4 | 1,656 | 10,019 |
| Misamis..... | 1903 | 25,264 | 7 | 220 | 2 | 186 | 25,679 |
| | 1918 | 33,357 | 597 | 2,073 | 7 | 1,696 | 37,730 |
| Mountain..... | 1903 | 157 | ..... | 2 | ..... | 76 | 235 |
| | 1918 | 13,207 | 273 | 1,913 | 28 | 753 | 16,174 |
| Nueva Ecija..... | 1903 | 9,944 | 2,215 | 290 | ..... | 932 | 13,381 |
| | 1918 | 25,715 | 2,796 | 1,798 | 36 | 3,419 | 33,764 |
| Nueva Vizcaya..... | 1903 | 1,514 | 12 | 280 | ..... | 1 | 1,807 |
| | 1918 | 2,531 | 119 | 330 | 3 | 2,362 | 5,345 |
| Occidental Negros..... | 1903 | 6,166 | 230 | 410 | 1 | 169 | 6,976 |
| | 1918 | 10,159 | 728 | 1,950 | 3 | 860 | 13,700 |
| Oriental Negros..... | 1903 | 25,923 | 7 | 427 | ..... | 77 | 26,434 |
| | 1918 | 35,297 | 1,753 | 3,518 | 2 | 3,178 | 43,748 |
| Palawan..... | 1903 | 2,666 | 6 | 57 | ..... | 75 | 2,804 |
| | 1918 | 6,964 | 97 | 391 | 34 | 1,949 | 9,435 |

¹ Figures for 1903 are included with Cagayan.² Includes Batanes for 1903.³ 1903 figures are included with Tayabas.

TABLE NO. 4.—*Number of farms classified according to tenure, by provinces, 1903 and 1918—Continued*

| Provinces. | Census year. | Nature of tenure. | | | | | Total. |
|----------------------------|--------------|-------------------|---------------|----------------|----------------|---------------|---------------|
| | | Owners. | Cash tenants. | Share tenants. | Labor tenants. | No rental. | |
| | | <i>Farms.</i> | <i>Farms.</i> | <i>Farms.</i> | <i>Farms.</i> | <i>Farms.</i> | <i>Farms.</i> |
| Pampanga..... | 1903 | 6,498 | 861 | 2,505 | 1 | 166 | 10,031 |
| | 1918 | 21,628 | 1,426 | 3,758 | 111 | 1,189 | 28,112 |
| Pangasinan..... | 1903 | 35,872 | 2,036 | 16,461 | 14 | 329 | 54,712 |
| | 1918 | 125,104 | 3,935 | 24,970 | 361 | 6,797 | 161,167 |
| Rizal..... | 1903 | 10,052 | 777 | 641 | 1 | 93 | 11,564 |
| | 1918 | 18,241 | 2,936 | 4,318 | 121 | 4,379 | 29,995 |
| Romblon..... | 1903 | 5,891 | 81 | 727 | 24 | 100 | 6,823 |
| | 1918 | 8,555 | 968 | 440 | 33 | 491 | 10,487 |
| Samar..... | 1903 | 24,525 | 168 | 372 | 1 | 152 | 25,218 |
| | 1918 | 48,219 | 1,262 | 2,590 | 54 | 5,463 | 57,588 |
| Sorsogon..... | 1903 | 14,350 | 1 | 197 | ..... | 19 | 14,567 |
| | 1918 | 24,336 | 695 | 1,630 | 163 | 3,139 | 29,963 |
| Sulu..... | 1903 | 9 | ..... | 3 | ..... | ..... | 12 |
| | 1918 | 763 | 1 | 3 | ..... | 224 | 991 |
| Surigao..... | 1903 | 7,052 | ..... | 340 | 1 | 19 | 7,412 |
| | 1918 | 22,022 | 37 | 323 | ..... | 890 | 23,272 |
| Tarlac..... | 1903 | 8,507 | 760 | 1,667 | 8 | 218 | 11,160 |
| | 1918 | 24,740 | 5,555 | 3,098 | 639 | 1,273 | 35,305 |
| Tayabas ⁴ | 1903 | 38,059 | 138 | 3,733 | 12 | 294 | 42,236 |
| | 1918 | 36,747 | 779 | 3,860 | 39 | 3,273 | 44,698 |
| Zambales..... | 1903 | 14,035 | 5 | 10,182 | 4 | 141 | 24,367 |
| | 1918 | 19,440 | 907 | 6,656 | 1,723 | 1,378 | 30,104 |
| Zamboanga..... | 1903 | 3,474 | 159 | 91 | ..... | 194 | 3,918 |
| | 1918 | 8,467 | 87 | 481 | 1 | 1,033 | 10,069 |
| Manila, City of..... | 1903 | 252 | 259 | 17 | 2 | 7 | 537 |
| | 1918 | 277 | 266 | 38 | 5 | 74 | 660 |
| Totals:..... | 1903 | 658,543 | 14,403 | 132,444 | 1,233 | 8,830 | 815,453 |
| | 1918 | 1,520,026 | 61,996 | 256,517 | 6,259 | 110,478 | 1,955,276 |

⁴ Includes Marinduque for 1903.

TABLE No. 5.—*Number, area, and average size of farms cultivated and uncultivated, by provinces, 1903 and 1918*

| Provinces. | Census year. | Total number of farms. | Area of farms. | | | Average size of farms. | |
|----------------------------|--------------|------------------------|----------------|-----------|---------------|------------------------|-------------|
| | | | Cultivated. | Per cent. | Uncultivated. | Per cent. | Total. |
| | | | | | | | |
| | | | Hectares. | | Hectares. | | Hectares. |
| | | | | | | | Ares. |
| | | | | | | | Cultivated. |
| | | | | | | | All lands. |
| Abra..... | 1903 | 13,655 | 12,208 | 23.4 | 39,878 | 76.6 | 52,086 |
| | 1918 | 42,414 | 19,128 | 15.9 | 100,810 | 84.1 | 119,938 |
| Agusan..... | 1918 | 4,862 | 11,256 | 61.6 | 7,023 | 38.4 | 18,279 |
| Albay..... | 1903 | 32,794 | 85,147 | 73.4 | 30,937 | 26.6 | 116,084 |
| | 1918 | 64,554 | 132,511 | 78.1 | 37,232 | 21.9 | 169,743 |
| Antique..... | 1903 | 13,110 | 21,622 | 79.5 | 5,572 | 20.5 | 27,194 |
| | 1918 | 23,025 | 32,137 | 67.8 | 15,281 | 32.2 | 47,418 |
| Bataan..... | 1903 | 2,304 | 3,485 | 42.3 | 4,747 | 57.7 | 8,232 |
| | 1918 | 8,500 | 14,389 | 58.1 | 10,396 | 41.9 | 24,785 |
| Batanes..... | 1918 | 3,077 | 691 | 8.1 | 7,838 | 91.9 | 8,529 |
| Batangas..... | 1903 | 23,295 | 21,652 | 18.4 | 95,770 | 81.6 | 117,422 |
| | 1918 | 69,478 | 32,639 | 46.4 | 95,444 | 53.6 | 178,083 |
| Bohol..... | 1903 | 36,869 | 23,247 | 40.0 | 34,851 | 60.0 | 58,098 |
| | 1918 | 88,293 | 55,220 | 41.9 | 76,654 | 58.1 | 131,874 |
| Bukidnon..... | 1918 | 4,367 | 7,679 | 49.0 | 7,977 | 51.0 | 15,656 |
| Bulacan..... | 1903 | 21,095 | 60,570 | 67.1 | 29,650 | 32.9 | 90,220 |
| | 1918 | 43,639 | 70,837 | 76.9 | 21,266 | 23.1 | 92,103 |
| Cagayan ¹ | 1903 | 18,204 | 35,430 | 25.6 | 102,736 | 74.4 | 138,166 |
| | 1918 | 52,233 | 50,599 | 43.0 | 67,026 | 57.0 | 117,625 |
| Camarines Norte | 1903 | 12,863 | 59,683 | 56.1 | 46,688 | 43.9 | 106,371 |
| Camarines Sur | 1918 | 59,179 | 107,782 | 56.7 | 82,433 | 43.3 | 190,215 |
| Capiz..... | 1903 | 24,969 | 36,965 | 34.0 | 71,727 | 66.0 | 108,692 |
| | 1918 | 36,854 | 56,555 | 56.7 | 43,229 | 43.3 | 99,784 |
| Cavite..... | 1903 | 9,640 | 20,811 | 50.9 | 20,070 | 49.1 | 40,881 |
| | 1918 | 27,007 | 31,572 | 47.4 | 35,010 | 52.6 | 66,582 |
| Cebu..... | 1903 | 80,231 | 53,283 | 40.8 | 77,841 | 59.2 | 130,624 |
| | 1918 | 158,073 | 128,819 | 51.1 | 123,497 | 48.9 | 252,316 |
| Cotabato..... | 1903 | 32 | 383 | 7.2 | 4,903 | 92.8 | 5,286 |
| | 1918 | 1,776 | 4,301 | 34.2 | 8,262 | 65.8 | 12,563 |
| Davao..... | 1903 | 1,369 | 3,769 | 23.1 | 12,574 | 76.9 | 16,343 |
| | 1918 | 6,546 | 34,092 | 30.8 | 76,536 | 69.2 | 110,628 |
| Ilocos Norte..... | 1903 | 64,812 | 40,233 | 72.3 | 15,400 | 27.7 | 55,633 |
| | 1918 | 137,457 | 44,856 | 71.7 | 17,691 | 28.3 | 62,547 |
| Ilocos Sur..... | 1903 | 21,479 | 39,739 | 34.2 | 7,437 | 15.8 | 47,176 |
| | 1918 | 113,077 | 53,045 | 85.4 | 9,046 | 14.6 | 62,091 |

¹ Includes Batanes for 1903.

TABLE No. 5.—*Number, area, and average size of farms cultivated and uncultivated, by provinces, 1908 and 1918—Continued*

| Provinces. | Census year. | Total number of farms. | Area of farms. | | | | Average size of farms. | |
|--------------------|--------------|------------------------|----------------|-----------|---------------|-----------|------------------------|------------|
| | | | Cultivated. | Per cent. | Uncultivated. | Per cent. | Total. | All lands. |
| | | | Hectares. | | Hectares. | | Hectares. | Ares. |
| Iloilo. | 1903 | 34,666 | 57,081 | 32.3 | 119,874 | 67.7 | 176,955 | 510.5 |
| | 1918 | 82,397 | 131,269 | 46.9 | 148,877 | 53.1 | 280,146 | 340.0 |
| Isabela. | 1903 | 11,738 | 16,752 | 24.7 | 50,964 | 75.3 | 67,716 | 576.9 |
| | 1918 | 26,900 | 25,523 | 46.6 | 25,837 | 53.4 | 48,360 | 179.8 |
| Laguna. | 1903 | 22,025 | 41,016 | 47.5 | 45,410 | 52.5 | 86,426 | 352.4 |
| | 1918 | 57,456 | 65,695 | 67.6 | 31,483 | 32.4 | 97,178 | 169.1 |
| Lanao. | 1918 | 1,283 | 1,628 | 41.4 | 2,302 | 58.6 | 3,930 | 306.3 |
| La Union. | 1903 | 38,219 | 30,850 | 71.6 | 12,227 | 28.4 | 43,077 | 112.7 |
| | 1918 | 88,086 | 45,708 | 59.5 | 20,225 | 30.7 | 65,933 | 74.9 |
| Leyte. | 1903 | 37,081 | 42,898 | 32.1 | 90,722 | 67.9 | 133,620 | 360.3 |
| | 1918 | 83,028 | 105,715 | 49.9 | 106,328 | 50.1 | 212,043 | 255.4 |
| Marinduque. | 1918 | 25,005 | 14,669 | 44.0 | 18,634 | 56.0 | 33,303 | 133.2 |
| Masbate. | 1903 | 3,090 | 7,429 | 75.8 | 2,369 | 24.2 | 9,798 | 317.1 |
| | 1918 | 9,284 | 22,220 | 43.9 | 28,390 | 56.1 | 50,610 | 239.3 |
| Mindoro. | 1903 | 2,100 | 4,768 | 11.2 | 37,656 | 88.8 | 42,424 | 227.0 |
| | 1918 | 10,019 | 33,036 | 25.2 | 98,295 | 74.8 | 131,331 | 329.7 |
| Misamis. | 1903 | 25,679 | 29,346 | 49.5 | 29,923 | 50.5 | 59,269 | 114.3 |
| | 1918 | 37,730 | 46,348 | 61.7 | 28,734 | 38.3 | 75,082 | 122.8 |
| Mountain. | 1903 | 235 | 445 | 22.5 | 1,529 | 77.5 | 1,974 | 840.0 |
| | 1918 | 16,107 | 7,268 | 75.8 | 2,322 | 24.2 | 9,590 | 59.5 |
| Nueva Ecija. | 1903 | 13,381 | 26,763 | 29.6 | 63,604 | 70.4 | 90,367 | 675.8 |
| | 1918 | 33,764 | 97,159 | 47.3 | 108,251 | 52.7 | 205,410 | 287.8 |
| Nueva Vizcaya. | 1903 | 1,807 | 2,832 | 64.1 | 1,589 | 35.9 | 4,421 | 156.7 |
| | 1918 | 5,345 | 5,674 | 68.1 | 2,653 | 31.9 | 8,327 | 106.2 |
| Occidental Negros. | 1903 | 6,976 | 72,928 | 41.0 | 104,714 | 59.0 | 177,642 | 2,546.5 |
| | 1918 | 13,700 | 110,256 | 43.4 | 143,741 | 56.6 | 253,997 | 1,854.0 |
| Oriental Negros. | 1903 | 26,434 | 21,383 | 56.3 | 16,588 | 43.7 | 37,971 | 143.6 |
| | 1918 | 43,748 | 45,208 | 47.3 | 50,416 | 52.7 | 95,624 | 103.3 |
| Palawan. | 1903 | 2,804 | 3,109 | 32.2 | 6,549 | 67.8 | 9,658 | 110.9 |
| | 1918 | 9,435 | 11,628 | 28.0 | 29,538 | 72.0 | 41,166 | 123.2 |
| Pampanga. | 1903 | 10,081 | 68,840 | 60.4 | 41,837 | 39.6 | 105,677 | 836.4 |
| | 1918 | 28,112 | 100,400 | 67.2 | 49,472 | 32.8 | 149,872 | 537.1 |
| Pangasinan. | 1903 | 54,712 | 81,472 | 68.0 | 38,299 | 32.0 | 119,771 | 148.9 |
| | 1918 | 161,167 | 138,812 | 68.4 | 64,238 | 31.6 | 203,050 | 126.0 |
| Rizal. | 1903 | 11,564 | 9,934 | 67.2 | 4,853 | 32.8 | 14,787 | 85.9 |
| | 1918 | 29,995 | 18,187 | 42.0 | 25,096 | 58.0 | 43,283 | 60.6 |

| | | | | | | | | | |
|----------------------------|--------------|------------------|------------------|--------------|------------------|--------------|--------------------|----------------|----------------|
| Romblon..... | 1903 1918 | 6,823 10,487 | 13,243 17,161 | 56.2 49.7 | 10,303 17,352 | 43.8 50.3 | 23,546 34,513 | 194.1 163.6 | 345.1 329.1 |
| Samar..... | 1903 1918 | 25,218 57,588 | 43,073 93,671 | 42.4 52.8 | 58,408 83,686 | 57.6 47.2 | 101,481 177,357 | 170.8 162.7 | 402.4 308.0 |
| Sorsogon..... | 1903 | 14,567 | 54,668 | 61.5 | 34,161 | 38.5 | 88,829 | 375.3 | 609.8 |
| Sulu..... | 1918 | 29,963 | 78,452 | 66.7 | 39,234 | 33.3 | 117,686 | 261.8 | 392.8 |
| | 1903 | 12 | 49 | 31.4 | 107 | 68.6 | 156 | 408.3 | 1,300.0 |
| | 1918 | 991 | 3,823 | 83.6 | 748 | 16.4 | 4,571 | 385.8 | 461.3 |
| Surigao..... | 1903 | 7,412 | 24,250 | 49.4 | 24,810 | 50.6 | 49,060 | 327.2 | 661.9 |
| | 1918 | 23,272 | 44,651 | 66.2 | 22,769 | 33.8 | 67,420 | 191.9 | 289.7 |
| Tarlac..... | 1903 | 11,160 | 37,332 | 47.3 | 41,591 | 52.7 | 78,923 | 334.5 | 707.2 |
| | 1918 | 35,305 | 64,477 | 59.7 | 43,478 | 40.3 | 107,955 | 182.6 | 305.8 |
| Tayabas ¹ | 1903 | 42,236 | 57,575 | 47.7 | 63,179 | 52.3 | 120,754 | 136.3 | 285.9 |
| | 1918 | 44,698 | 102,122 | 53.3 | 89,556 | 46.7 | 191,678 | 228.5 | 428.8 |
| Zambales..... | 1903 | 24,367 | 27,386 | 59.6 | 18,531 | 40.4 | 45,917 | 112.4 | 188.4 |
| | 1918 | 30,104 | 27,257 | 74.3 | 9,417 | 25.7 | 36,674 | 90.5 | 121.8 |
| Zamboanga..... | 1903 | 3,918 | 9,723 | 53.3 | 8,516 | 46.7 | 18,239 | 248.2 | 455.5 |
| | 1918 | 10,069 | 21,959 | 61.5 | 13,758 | 38.5 | 35,717 | 218.1 | 354.7 |
| Manila, City of..... | 1903 | 537 | 473 | 64.1 | 265 | 35.9 | 738 | 88.1 | 137.4 |
| | 1918 | 660 | 607 | 78.9 | 162 | 21.1 | 769 | 92.0 | 116.5 |
| Baguio, City of..... | 1918 | 67 | 87 | 22.4 | 302 | 77.6 | 389 | 129.9 | 580.6 |
| Totals..... | 1903 | 815,453 | 1,298,845 | 45.9 | 1,538,859 | 54.1 | 2,827,704 | 159.3 | 346.8 |
| | 1918 | 1,955,276 | 2,415,778 | 52.9 | 2,147,945 | 47.1 | 4,563,723 | 123.6 | 233.4 |

¹ Includes Marinduque for 1903.

BUREAU OF INTERNATIONAL RELATIONS
 University of California

TABLE NO. 6.—*Timber cut from public forests, by groups and species, and revenue from forest products, 1920-1921*

[Source: Bureau of Forestry]

| Groups and species. | 1920 | 1921 |
|---------------------------------------|---------------------|---------------------|
| First group: | <i>Cubic meter.</i> | <i>Cubic meter.</i> |
| Acle..... | 2,047 | 1,553 |
| Ipil..... | 24,720 | 28,556 |
| Kalantas..... | 8,622 | 5,350 |
| Molave..... | 30,173 | 31,826 |
| Narra..... | 12,711 | 16,164 |
| Tindalo..... | 1,387 | 2,404 |
| Yacal..... | 20,317 | 28,245 |
| Other species..... | 9,104 | 17,352 |
| Second group: | | |
| Dungon..... | 2,607 | 2,726 |
| Guijo..... | 28,413 | 30,652 |
| Manggachapuy..... | 3,094 | 4,340 |
| Other species..... | 17,414 | 29,304 |
| Third group: | | |
| Apitong..... | 99,775 | 99,652 |
| Lumbayau..... | 7,550 | 8,179 |
| Pagatpat..... | 4,743 | 5,454 |
| Palosapis..... | 7,594 | 5,928 |
| Red lauan..... | 52,294 | 57,239 |
| Tanguile..... | 40,903 | 47,311 |
| Other species..... | 1,978 | 31,000 |
| Fourth group: | | |
| White lauan..... | 119,833 | 125,536 |
| Other species..... | 59,718 | 75,173 |
| Total..... | 554,997 | 653,944 |
| Revenue from all forest products..... | P1,009,879 | P1,413,151 |

TABLE NO. 7.—*Minor forest products gathered from public and private forests, 1920-1921*

[Source: Bureau of Forestry]

| Product. | Unit. | 1920 | 1921 |
|---------------------------|-----------|-----------|-----------|
| Bees wax..... | Kilos. | | 7,801 |
| Buri..... | do. | 985,889 | 608,073 |
| Cabo negro..... | do. | 120 | 17,963 |
| Charcoal..... | Cu. m. | 13,354 | 11,151 |
| Daluru..... | do. | 320 | 635 |
| Diliman..... | Kilos. | 109,963 | 217,319 |
| Dyebark..... | do. | 80,833 | 128,569 |
| Dyewood..... | do. | 1,049,467 | 38,169 |
| Fern trees..... | Number. | | 26 |
| Firewood..... | Cu. m. | 926,827 | 427,061 |
| Gogo..... | Kilos. | 128,565 | 137,836 |
| Guano..... | do. | 216 | |
| Gum elemi..... | do. | | 71,586 |
| Gumastic..... | do. | 1,841,396 | 589,537 |
| Gutta percha..... | do. | 356,568 | 41,271 |
| Limestone..... | do. | 458,645 | 312,630 |
| Nipa..... | Shingles. | 11,800 | 117,735 |
| Rattan (split)..... | Kilos. | 2,162,952 | 3,171,481 |
| Rattan (unsplit)..... | Meters. | 7,133,801 | 8,767,760 |
| Salago bark..... | Kilos. | | 350 |
| Stone..... | do. | 51,813 | 32,959 |
| Tan bark..... | do. | 1,168,504 | 2,302,744 |
| Vines, miscellaneous..... | do. | | 20,616 |
| White earth..... | Cu. m. | 13,111 | 1,200 |
| Woodoil..... | Kilos. | 52,230 | 158,558 |

* Number of balls.

TABLE NO. 8.—Quantities of timber cut from public and private forests,
by provinces, 1920-1921

[Source: Bureau of Forestry]

| Province. | 1920 | 1921 |
|-----------------------------|---------------|---------------|
| | <i>Cu. m.</i> | <i>Cu. m.</i> |
| Abra..... | 2,592 | 3,481 |
| Agusan..... | 2,047 | 4,000 |
| Albay..... | 8,960 | 12,798 |
| Antique..... | 207 | 1,655 |
| Bataan..... | 77,080 | 75,122 |
| Batangas..... | 350 | 693 |
| Bohol..... | 1,071 | 2,421 |
| Bukidnon..... | 189 | 42 |
| Bulacan..... | 7,669 | 6,760 |
| Cagayan..... | 12,602 | 10,666 |
| Camarines Norte..... | 2,666 | 4,598 |
| Camarines Sur..... | 16,805 | 22,537 |
| Capiz..... | 3,495 | 5,226 |
| Cavite..... | 25 | 25 |
| Cebu..... | 435 | 1,310 |
| Cotabato..... | 12,088 | 21,884 |
| Davao..... | 3,253 | 7,131 |
| Ilocos Norte..... | 1,709 | 1,889 |
| Ilocos Sur..... | 62 | 451 |
| Iloilo..... | 1,788 | 3,282 |
| Isabela..... | 4,439 | 6,474 |
| Laguna..... | 4,333 | 3,500 |
| Lanao..... | 34,135 | 50,598 |
| La Union..... | 349 | 618 |
| Leyte..... | 9,107 | 15,060 |
| Marinduque..... | 250 | 487 |
| Mindoro..... | 14,930 | 13,076 |
| Misamis..... | 2,810 | 17,258 |
| Mountain..... | 7,811 | 10,483 |
| Nueva Ecija..... | 2,168 | 2,861 |
| Nueva Vizcaya..... | 133 | 528 |
| Occidental Negros..... | 127,123 | 119,263 |
| Oriental Negros..... | 2,372 | 2,986 |
| Palawan..... | 25,614 | 28,642 |
| Pampanga..... | 2,124 | 8,145 |
| Pangasinan..... | 9,883 | 9,698 |
| Rizal..... | 763 | 1,454 |
| Romblon..... | 1,325 | 7,139 |
| Samar..... | 5,267 | 12,560 |
| Sorsogon ¹ | 23,439 | 31,369 |
| Sulu..... | 5,453 | 7,437 |
| Surigao..... | 1,563 | 1,958 |
| Tarlac..... | 646 | 976 |
| Tayabas..... | 51,770 | 49,427 |
| Zambales..... | 13,114 | 8,360 |
| Zamboanga..... | 51,845 | 59,908 |
| Total..... | 557,889 | 656,236 |

¹ Includes Masbate.

TABLE NO. 9.—Exports of gold and silver from the Philippines, 1917-1921

[Source: Bureau of Customs]

| Year. | Bullion. | | Ore. | Coin. | Total. |
|-----------|-----------|------------|---------|-----------|------------|
| | Quantity. | Value. | | | |
| | Gold. | | | | |
| | Ounces. | | | | |
| 1917..... | 88,658 | P2,677,234 | P24,020 | P912,714 | P3,614,018 |
| 1918..... | 65,918 | 1,873,938 | | | 1,873,938 |
| 1919..... | 70,783 | 1,843,153 | 100,000 | | 1,943,153 |
| 1920..... | 92,317 | 2,323,386 | 20,500 | | 2,343,886 |
| 1921..... | 108,968 | 2,610,292 | 51,083 | 11,000 | 2,672,375 |
| | Silver. | | | | |
| 1917..... | | | | 385 | 385 |
| 1918..... | | | 28,000 | 7,500,000 | 7,528,000 |
| 1919..... | | | | | |
| 1920..... | | | | 403 | 403 |
| 1921..... | | | | 2,540 | 2,540 |

NOTE.—One ounce of gold or silver is equivalent to 31.103495 grams.

TABLE NO. 10.—Output of mineral products, 1920-1921

[Source: Bureau of Science]

| Product. | Unit. | 1920 | | 1921* | |
|-----------------------|------------------|-----------|------------|-----------|------------|
| | | Quantity. | Value. | Quantity. | Value. |
| Metallic: | | | | | |
| Gold..... | Fine grams. . . | 1,920,753 | P2,424,606 | 1,106,952 | P1,338,471 |
| Iron..... | Metric tons. . . | 87 | 40,191 | 123 | 39,225 |
| Silver..... | Fine grams. . . | 307,343 | 19,261 | 457,212 | 22,861 |
| Total value. | | | 2,484,058 | | 1,400,557 |
| Non-metallic: | | | | | |
| Bituminous rock. | Metric tons. . . | 2,000 | 30,000 | | 11,250 |
| Clay products..... | Number. | | 570,880 | | 68,066 |
| Coal..... | Metric tons. . . | 58,088 | 1,452,200 | 40,011 | 807,302 |
| Lime..... | Metric tons. . . | 3,001 | 10,872 | | 111,278 |
| Mineral waters..... | Liters..... | 479,871 | 121,259 | 639,513 | 170,406 |
| Salt..... | Metric tons. . . | 62,383 | 1,401,307 | | 585,980 |
| Sand and gravel..... | Cubic meters.. | 627,774 | 1,228,332 | 472,186 | 977,435 |
| Stone..... | Cubic meters.. | 49,373 | 311,861 | 22,120 | 154,400 |
| Total value. | | | 5,126,711 | | 2,886,157 |

* Partial figures; subject to correction in a later issue.

FOREIGN COMMERCE

[All quantities and values of imports and exports in this Bulletin were secured from the Bureau of Customs]

TABLE No. 11.—Foreign trade of the Philippines, and trade balance for each year, 1917 and 1921

| Year. | Imports. | Exports. | Total trade. | Annual increase (+) or decrease (—). | | Trade balance in favor of (+) or against (—) Islands. |
|-----------|--------------|--------------|--------------|--------------------------------------|-----------|---|
| | | | | Amount. | Per cent. | |
| 1917..... | P131,594,061 | P191,208,613 | P322,802,674 | + P91,935,634 | 39.82 | + P59,614,552 |
| 1918..... | 197,198,423 | 270,388,964 | 467,587,387 | + 144,784,713 | 44.85 | + 73,190,541 |
| 1919..... | 237,278,104 | 226,235,652 | 463,513,756 | — 4,073,631 | 8.71 | — 11,042,452 |
| 1920..... | 238,876,565 | 302,247,711 | 601,124,276 | + 137,610,520 | 29.69 | + 3,371,146 |
| 1921..... | 231,677,148 | 176,230,645 | 407,907,793 | — 19,216,483 | 32.14 | — 55,446,508 |

TABLE No. 12.—Foreign trade of the Philippines, by countries, 1920 and 1921

| Countries. | 1920 | | | 1921 | | |
|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Imports. | Exports. | Total trade. | Imports. | Exports. | Total trade. |
| United States | P184,579,556 | P210,432,525 | P395,012,081 | P148,260,030 | P100,713,586 | P248,973,616 |
| Hawaii..... | 3,664,866 | 645,759 | 4,310,625 | 1,853,003 | 551,758 | 2,404,761 |
| Japan..... | 32,178,231 | 14,886,041 | 47,064,272 | 21,269,531 | 13,825,435 | 35,094,966 |
| China..... | 21,487,364 | 4,438,117 | 25,915,481 | 19,096,018 | 5,150,260 | 24,246,278 |
| United Kingdom..... | 10,279,596 | 24,279,976 | 34,559,572 | 8,596,964 | 9,295,584 | 17,892,548 |
| Netherlands..... | 435,291 | 6,857,132 | 7,292,423 | 406,152 | 10,453,723 | 10,859,875 |
| Hongkong..... | 1,074,539 | 13,885,677 | 14,960,216 | 1,046,240 | 8,907,867 | 9,954,107 |
| Spain..... | 1,475,582 | 11,403,359 | 12,878,941 | 1,311,480 | 8,236,945 | 9,548,425 |
| France..... | 3,841,401 | 1,987,081 | 5,828,482 | 2,465,362 | 5,340,556 | 7,805,918 |
| French East Indies..... | 9,356,286 | 870,598 | 10,226,884 | 6,318,686 | 1,198,212 | 7,516,898 |
| Australasia..... | 8,078,879 | 2,120,903 | 10,199,782 | 4,462,068 | 1,373,887 | 5,835,955 |
| Dutch East Indies..... | 4,798,121 | 726,191 | 5,524,312 | 5,403,261 | 410,176 | 5,813,437 |
| British East Indies..... | 5,740,140 | 3,905,307 | 9,645,447 | 2,685,131 | 2,788,552 | 5,473,683 |
| Siam..... | 8,629,896 | 103,554 | 8,733,450 | 4,120,086 | 76,512 | 4,196,598 |
| Germany..... | 693,526 | 2,094,298 | 2,787,824 | 1,250,200 | 6,178,925 | 7,429,125 |
| Switzerland..... | 1,829,901 | 60,987 | 1,890,888 | 1,815,036 | 60,367 | 1,875,403 |
| Canada..... | 192,792 | 1,814,398 | 2,007,190 | 652,304 | 583,775 | 1,236,079 |
| Belgium..... | 26,141 | 786,769 | 812,910 | 102,705 | 616,384 | 719,089 |
| Italy..... | 211,048 | 452,659 | 663,707 | 157,803 | 312,001 | 469,804 |
| Other countries..... | 303,399 | 506,380 | 809,779 | 505,088 | 1,149,800 | 1,654,888 |
| Total..... | 298,876,565 | 302,247,711 | 601,124,276 | 231,677,148 | 176,230,645 | 407,907,793 |

BUREAU OF INTERNATIONAL
UNIVERSITY OF CALIFORNIA

TABLE No. 13.—*Foreign trade of the Philippines, by ports of entry, 1920 and 1921*

| Ports of entry. | 1920 | | | 1921 | | |
|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Imports. | Exports. | Total trade. | Imports. | Exports. | Total trade. |
| Manila..... | P270,287,095 | P207,376,335 | P477,663,430 | P206,627,111 | P110,552,025 | P317,179,136 |
| Iloilo..... | 16,477,995 | 63,946,496 | 80,424,491 | 15,921,552 | 33,599,102 | 49,520,654 |
| Cebu..... | 9,090,365 | 29,371,726 | 38,462,091 | 7,225,958 | 29,715,371 | 36,941,329 |
| Jolo..... | 615,049 | 600,452 | 1,215,501 | 575,970 | 716,980 | 1,292,950 |
| Zamboanga..... | 2,343,307 | 912,890 | 3,256,197 | 1,302,573 | 1,630,542 | 2,933,115 |
| Balabac..... | 62,754 | 39,812 | 102,566 | 23,984 | 16,625 | 40,609 |
| Total..... | 298,876,565 | 302,247,711 | 601,124,276 | 231,677,148 | 176,230,645 | 407,907,793 |

TABLE NO. 14.—*Foreign trade of the Philippines, by months, 1920 and 1921*

| Month. | 1920 | | |
|----------------|-------------|-------------|--------------|
| | Imports. | Exports. | Total trade. |
| January..... | P20,442,867 | P26,569,989 | P47,012,856 |
| February..... | 14,357,570 | 15,866,522 | 30,224,092 |
| March..... | 24,731,613 | 24,018,024 | 48,749,637 |
| April..... | 15,566,801 | 33,365,232 | 48,932,033 |
| May..... | 21,479,345 | 20,388,166 | 41,867,511 |
| June..... | 20,714,964 | 52,898,653 | 73,613,617 |
| July..... | 32,647,649 | 40,256,648 | 72,904,292 |
| August..... | 20,484,610 | 22,314,056 | 42,798,666 |
| September..... | 28,265,286 | 15,272,342 | 43,537,628 |
| October..... | 33,509,469 | 19,590,466 | 53,099,935 |
| November..... | 40,827,608 | 13,841,033 | 54,668,641 |
| December..... | 25,848,783 | 17,866,585 | 43,715,368 |
| Total..... | 298,876,565 | 302,247,711 | 601,124,276 |

| Month. | 1921 | | |
|----------------|-------------|-------------|--------------|
| | Imports. | Exports. | Total trade. |
| January..... | P27,789,997 | P13,519,401 | P41,309,398 |
| February..... | 32,726,293 | 17,017,186 | 49,743,479 |
| March..... | 22,131,690 | 9,867,741 | 31,999,431 |
| April..... | 20,651,381 | 14,212,537 | 34,863,918 |
| May..... | 15,513,759 | 15,872,648 | 31,386,407 |
| June..... | 21,232,802 | 18,428,815 | 39,661,617 |
| July..... | 25,725,372 | 16,818,494 | 42,543,866 |
| August..... | 23,268,811 | 13,608,385 | 36,877,196 |
| September..... | 11,558,181 | 14,928,603 | 26,486,784 |
| October..... | 9,440,162 | 12,261,421 | 21,701,583 |
| November..... | 10,287,703 | 16,064,623 | 26,352,326 |
| December..... | 11,350,997 | 13,630,791 | 24,981,788 |
| Total..... | 231,677,148 | 176,230,645 | 407,907,793 |

TABLE NO. 15.—*Monthly importation of rice, 1920 and 1921*

| Month. | 1920 | | 1921 | |
|----------------|---------------|------------|---------------|------------|
| | Quantity. | Value. | Quantity. | Value. |
| | <i>Kilos.</i> | | <i>Kilos.</i> | |
| January..... | 142,371 | P53,866 | 8,329,409 | P1,241,150 |
| February..... | 214,955 | 83,164 | 11,781,403 | 1,326,239 |
| March..... | 213,534 | 97,028 | 9,844,380 | 1,079,778 |
| April..... | 84,442 | 34,384 | 10,244,056 | 973,426 |
| May..... | 114,857 | 47,444 | 8,606,462 | 844,365 |
| June..... | 2,064,100 | 486,753 | 4,594,457 | 473,981 |
| July..... | 9,404,241 | 2,136,675 | 1,919,456 | 195,444 |
| August..... | 10,856,811 | 2,532,285 | 1,058,699 | 128,448 |
| September..... | 9,655,033 | 2,192,335 | 636,183 | 70,914 |
| October..... | 21,405,175 | 4,581,856 | 637,195 | 74,478 |
| November..... | 13,622,678 | 2,342,993 | 612,905 | 85,750 |
| December..... | 9,556,155 | 1,740,987 | 1,263,212 | 155,422 |
| Total..... | 77,834,352 | 16,329,770 | 59,527,817 | 6,649,395 |

NOTE.—The great bulk of rice imports come from Siam and French East Indies, each country furnishing about one-half.

TABLE NO. 16.—*Quantities and values of rice imported into the Philippines, and their annual average import values and percentage to total imports, 1917–1921*

| Year. | Quantity. | | Value. | Average value per— | | Percentage of total imports. |
|-----------|---------------|-----------------------|-------------|--------------------|--------|------------------------------|
| | Metric tons.* | Equivalent in cavans. | | Metric ton. | Cavan. | |
| 1917..... | 146,986 | 2,556,278 | P10,781,463 | P73.35 | P4.22 | 8.19 |
| 1918..... | 183,732 | 3,195,331 | 16,433,585 | 89.44 | 5.14 | 8.33 |
| 1919..... | 50,819 | 883,804 | 8,817,362 | 173.51 | 9.98 | 3.72 |
| 1920..... | 77,334 | 1,344,944 | 16,329,770 | 211.16 | 12.14 | 5.46 |
| 1921..... | 59,528 | 1,035,266 | 6,649,395 | 111.70 | 6.42 | 2.87 |

* One metric ton is equivalent to 1,000 kilos; 1 cavan weighs 57.5 kilos.

TABLE NO. 17.—*Values of principal articles imported into the Philippines, and the percentage of each to the total imports, 1920 and 1921*

| Articles. | 1920 | | 1921 ^b | |
|--|-------------|-----------|-------------------|-----------|
| | Value. | Per cent. | Value. | Per cent. |
| Agricultural implements, and parts of..... | ₱1,426,509 | 0.48 | ₱700,421 | 0.30 |
| Animals— | | | | |
| Carabao..... | 746,595 | .25 | 758,862 | .33 |
| Other cattle..... | 870,594 | .29 | 3,315,863 | 1.43 |
| Books, and other printed matter..... | 2,241,236 | .75 | 3,013,988 | 1.30 |
| Brass, and manufactures of..... | 1,011,117 | .34 | 932,637 | .40 |
| Breadstuffs— | | | | |
| Wheat flour..... | 9,443,515 | 3.16 | 7,017,174 | 3.03 |
| Other breadstuffs..... | 1,728,822 | .58 | 1,358,513 | .59 |
| Cars, carriages, other vehicles, and parts of— | | | | |
| Automobiles, parts of, tires for..... | 14,921,366 | 4.99 | 9,645,260 | 4.16 |
| Other cars, carriages, etc. and parts of..... | 3,417,881 | 1.14 | 3,345,418 | 1.44 |
| Cement..... | 3,240,458 | 1.08 | 2,005,264 | .87 |
| Chemicals, drugs, dyes, and medicines..... | 4,384,216 | 1.47 | 3,349,384 | 1.45 |
| Clocks and watches, and parts of..... | 1,112,316 | .37 | 508,305 | .22 |
| Coal..... | 10,792,077 | 3.61 | 6,987,004 | 3.02 |
| Cocoa or cacao..... | 1,773,068 | .59 | 797,527 | .35 |
| Coffee..... | 1,472,514 | .49 | 760,593 | .33 |
| Copper, and manufactures of..... | 601,295 | .20 | 794,014 | .35 |
| Cotton, and its manufactures— | | | | |
| Cotton clothes..... | 50,142,465 | 16.78 | 25,463,804 | 10.99 |
| Other manufactures..... | 18,653,291 | 6.24 | 12,184,397 | 5.26 |
| Diamonds, and other precious stones, unset..... | 3,357,680 | 1.12 | 517,893 | .22 |
| Earthen, stone, and chinaware..... | 962,516 | .32 | 781,366 | .34 |
| Eggs..... | 1,805,578 | .60 | 1,695,605 | .73 |
| Fibers, vegetables, and its manufactures..... | 4,117,320 | 1.38 | 3,507,000 | 1.51 |
| Fish and fish products..... | 5,706,114 | 1.91 | 2,965,912 | 1.28 |
| Fruits and nuts..... | 2,616,251 | .88 | 2,115,644 | .91 |
| Glass and glassware..... | 2,343,823 | .78 | 1,812,285 | .78 |
| Gold, platinum and silver, and manufactures of..... | 945,111 | .32 | 378,899 | .16 |
| Hats and caps, and parts of..... | 1,300,225 | .44 | 617,369 | .27 |
| India rubber, and its manufactures, except automobile tires..... | 1,587,019 | .53 | 1,325,864 | .57 |
| Instruments and apparatus— | | | | |
| Electrical..... | 2,643,067 | .88 | 3,401,911 | 1.47 |
| Motion-picture, and films for..... | 429,142 | .14 | 635,428 | .27 |
| All others..... | 1,014,173 | .34 | 1,218,051 | .53 |
| Iron and steel, and their manufactures..... | 43,759,204 | 14.64 | 44,109,807 | 19.04 |
| Machinery and parts..... | 21,794,208 | 7.29 | 18,946,957 | 8.18 |
| All other iron and steel..... | 21,964,996 | 7.35 | 25,162,850 | 10.86 |
| Leather, and its manufactures..... | 3,130,304 | 1.05 | 1,786,461 | .77 |
| Meat and dairy products— | | | | |
| Meat products..... | 5,245,317 | 1.75 | 6,255,609 | 2.70 |
| Dairy products..... | 6,358,436 | 2.12 | 4,325,411 | 1.87 |
| Musical instruments, and parts of..... | 494,879 | .17 | 508,349 | .22 |
| Oils— | | | | |
| Illuminating..... | 7,715,706 | 2.58 | 9,014,714 | 3.89 |
| Lubricating and heavy paraffin..... | 1,248,260 | .42 | 3,943,456 | 1.70 |
| Naphthas, including all lighter products of distillation..... | 7,666,168 | 2.57 | 8,832,227 | 3.81 |
| All other oils..... | 3,431,129 | 1.15 | 2,014,531 | .87 |
| Paints and pigments..... | 1,743,389 | .58 | 888,592 | .38 |
| Paper, and its manufactures..... | 4,964,112 | 1.66 | 6,066,029 | 2.62 |
| Perfumery and toilet preparations..... | 1,024,661 | .34 | 1,530,011 | .66 |
| Photographic equipments and supplies..... | 435,338 | .15 | 446,066 | .19 |
| Plated ware, gold and silver..... | 809,174 | .27 | 328,300 | .14 |
| Rice..... | 16,329,770 | 5.46 | 6,649,395 | 2.87 |
| Silk, and its manufactures..... | 6,036,511 | 2.02 | 3,721,538 | 1.61 |
| Soap..... | 1,376,948 | .46 | 710,879 | .31 |
| Spirits, wines and liquors..... | 1,296,570 | .43 | 1,564,629 | .68 |
| Sugar and molasses..... | 1,557,855 | .52 | 984,538 | .42 |
| Tobacco, and its manufactures— | | | | |
| Leaf tobacco..... | 1,745,133 | .58 | 1,089,945 | .47 |
| All other..... | 1,984,285 | .66 | 3,211,824 | 1.39 |
| Vegetables..... | 3,464,764 | 1.16 | 2,825,998 | 1.22 |
| Wax..... | 468,980 | .16 | 216,893 | .09 |
| Wood, and its manufactures..... | 1,862,950 | .62 | 1,731,758 | .75 |
| Wool, and its manufactures..... | 3,141,136 | 1.05 | 1,645,701 | .71 |
| All other imports..... | 14,778,232 | 4.98 | 13,362,832 | 5.77 |
| Total..... | 298,876,565 | 100.00 | 231,677,148 | 100.00 |

^a For quantities, see page 29.

^b Subject to alteration in a later issue.

TABLE NO. 18.—Imports of iron and steel and cotton, and their manufactures, 1920 and 1921

| Articles. | 1920 | | 1921 | |
|--|--------------|------------|--------------|------------|
| | Quantity. | Value. | Quantity. | Value. |
| Iron and steel goods. | | | | |
| Machinery: | | | | |
| Adding and computing machines..... | | P141,310 | | P89,960 |
| Electrical..... | | 754,170 | | 1,281,149 |
| Oil-extracting..... | | 836,535 | | 157,463 |
| Metal working..... | | 191,095 | | 220,681 |
| Printing presses..... | | 315,810 | | 381,429 |
| Pumps and pumping..... | | 369,142 | | 521,933 |
| Rice threshers, hullers and cleaners..... | | 403,617 | | 243,962 |
| Sewing machines..... | | 1,181,098 | | 1,281,052 |
| Steam and other engines— | | | | |
| Locomotives and parts..... | a 28 | 826,557 | a 54 | 1,340,351 |
| Stationary, marine, and parts..... | a 968 | 2,104,967 | a 703 | 883,641 |
| Tractions, portable, and parts..... | a 1,840 | 4,627,597 | a 734 | 2,069,012 |
| Boilers and parts..... | | 611,121 | | 903,409 |
| All other engines and parts..... | | 694,964 | | 752,648 |
| Sugar..... | | 4,863,947 | | 3,564,142 |
| Typewriting machines and parts..... | | 394,031 | | 461,078 |
| Woodworking machinery..... | | 286,563 | | 631,304 |
| All other..... | | 3,191,684 | | 4,163,743 |
| Bars or rods of steel..... | b 15,011,304 | 2,949,554 | b 19,761,668 | 3,446,793 |
| Sheets and plates..... | b 8,111,757 | 2,849,715 | b 16,954,170 | 5,040,147 |
| Nails, spikes and tacks..... | b 2,402,863 | 682,071 | b 4,019,728 | 1,207,365 |
| Pipes and fittings..... | b 4,387,395 | 1,602,384 | b 5,176,827 | 1,919,541 |
| Rails, switches, fish plates, and sleepers..... | b 22,451,041 | 3,196,580 | b 14,284,320 | 2,800,371 |
| Castings..... | | 453,908 | | 308,149 |
| Chains..... | | 165,146 | | 226,686 |
| Locks, butts, hinges, hasps, hooks, and catches..... | | 334,761 | | 418,358 |
| Nuts, bolts, washers, and rivets..... | | 440,103 | | 653,560 |
| Safes..... | a 2,968 | 102,566 | a 1,836 | 265,801 |
| Scales and balances..... | | 136,856 | | 152,241 |
| Stoves and ranges..... | | 84,391 | | 179,523 |
| Structural iron and steel..... | b 7,138,851 | 1,711,891 | b 4,432,355 | 1,449,083 |
| Wires and their manufactures..... | b 2,733,667 | 1,315,499 | b 3,843,303 | 1,549,150 |
| Tools..... | | 1,626,811 | | 1,738,301 |
| Enameled utensils..... | | 567,653 | | 446,175 |
| Cutlery..... | | 421,763 | | 367,752 |
| Tin plates, manufactures of..... | | 416,662 | | 187,696 |
| All other iron and steel..... | | 2,906,682 | | 2,806,159 |
| Cotton goods. | | | | |
| Raw cotton..... | b 95,069 | 152,568 | b 176 | 186 |
| Cotton manufactures: | | | | |
| Cloths— | | | | |
| Unbleached..... | a 8,158,875 | 5,259,677 | a 6,811,920 | 1,910,415 |
| Bleached..... | a 36,107,167 | 26,473,713 | a 25,067,699 | 11,669,728 |
| Dyed or manufactured with dyed yarns..... | a 19,052,161 | 14,725,253 | a 18,778,678 | 8,297,370 |
| Printed..... | a 5,539,759 | 3,683,822 | a 10,646,175 | 3,586,291 |
| Yarns— | | | | |
| Unbleached..... | b 565,751 | 1,745,041 | b 733,501 | 823,503 |
| Bleached..... | b 169,156 | 562,991 | b 82,755 | 171,198 |
| Dyed or colored..... | b 714,160 | 1,731,944 | b 351,326 | 997,067 |
| Mercerized..... | b 28,684 | 158,854 | b 3,062 | 79,270 |
| Raiment articles— | | | | |
| Undershirts and drawers..... | | 4,222,262 | | 3,599,789 |
| Stockings and socks..... | | 1,046,544 | | 623,393 |
| Coats, trousers, and vests..... | | 138,673 | | 95,175 |
| Collars, cuffs, and shirts..... | | 467,430 | | 215,630 |
| Other men's wearing apparel..... | | 761,620 | | 279,777 |
| Dresses, skirts, and waists..... | | 150,582 | | 84,124 |
| Other women's wearing apparel..... | | 156,241 | | 72,015 |
| Water proof garments..... | | 522,413 | | 191,424 |
| Embroideries..... | | 759,613 | | 765,133 |
| Handkerchiefs..... | | 508,214 | | 242,858 |
| Laces..... | | 447,150 | | 345,865 |
| Thread..... | | 2,059,554 | | 1,654,915 |
| Towels..... | | 348,140 | | 247,852 |
| All other manufactures..... | | 2,713,457 | | 1,695,223 |

a Number.

b Kilos.

c Square meters.

NOTE.—For the total value of imports of iron and steel and cotton goods, see Table No. 17, page 28.

TABLE No. 20.—Quantities and values of cigars, and all tobacco and its manufactures exported, 1917-1921

| Year. | To all countries. | | | | | All tobacco and its manufactures. |
|-----------------------|----------------------|------------|---------------------------------|--|-------------|-----------------------------------|
| | Cigars. | | | | | |
| | Quantity (thousand). | Value. | Average value per 1,000 cigars. | Percentage of total value of all tobacco exported. | | |
| 1917. | 294,525 | ₹9,588,192 | ₹33.70 | 67.05 | ₹14,301,081 | 7.48 |
| 1918. | 360,145 | 14,252,637 | 39.57 | 52.46 | 27,169,826 | 10.04 |
| 1919. | 392,339 | 18,157,707 | 46.28 | 57.85 | 31,390,084 | 13.87 |
| 1920. | 421,545 | 25,442,276 | 60.35 | 63.84 | 39,854,782 | 13.19 |
| 1921. | 154,400 | 6,426,452 | 41.62 | 38.80 | 16,564,434 | 9.40 |
| To the United States. | | | | | | |
| 1917. | 202,199 | 7,725,966 | 38.29 | a 71.07 b 38.20 | 10,544,945 | c 73.74 |
| 1918. | 248,748 | 11,365,675 | 45.69 | a 69.16 b 39.85 | 14,667,875 | c 54.02 |
| 1919. | 263,943 | 13,828,639 | 52.39 | a 67.27 b 76.16 | 14,021,093 | c 44.67 |
| 1920. | 316,863 | 21,092,607 | 66.57 | a 75.17 b 82.90 | 22,133,305 | c 55.54 |
| 1921. | 67,737 | 3,932,069 | 58.05 | a 43.87 b 61.19 | 4,076,800 | c 24.61 |

^a Percentage of total quantity of cigars exported.^b Percentage of total value of cigars exported.^c Percentage of total value of all tobacco exported.

BUREAU OF INTERNATIONAL RELATIONS
 University of California

TABLE NO. 21.—Quantities and values of other domestic articles exported from the Philippines and percentage of each to the total exports, 1920 and 1921

| Articles. | Unit. | 1920 | | | 1921 ^a | | |
|---|------------|-------------|------------|-----------|-------------------|------------|-----------|
| | | Quantity. | Value. | Per cent. | Quantity. | Value. | Per cent. |
| Beche-de-mer..... | Kilos.... | 252,764 | ₱192,366 | 0.06 | 190,918 | ₱131,347 | 0.07 |
| Beeswax..... | do..... | 13,616 | 16,063 | .01 | 12,783 | 18,670 | .01 |
| Copper, scrap and old..... | do..... | 70,428 | 42,274 | .01 | 272,503 | 124,636 | .07 |
| Copra meal..... | do..... | 36,981,990 | 2,393,122 | .79 | 44,419,166 | 1,208,930 | .69 |
| Cordage..... | do..... | 2,003,444 | 1,373,706 | .45 | 1,793,254 | 918,844 | .52 |
| Embroideries..... | do..... | | 15,623,567 | 5.17 | | 10,696,207 | 6.06 |
| Fruits..... | do..... | | 176,297 | .06 | | 205,258 | .12 |
| Glue..... | Kilos.... | 151,459 | 72,623 | .02 | 137,321 | 36,825 | .02 |
| Gum copal..... | do..... | 1,019,834 | 367,664 | .12 | 542,700 | 140,607 | .08 |
| Hats..... | Number. | 638,711 | 1,539,596 | .51 | 217,465 | 608,724 | .35 |
| Hemp, knotted..... | Kilos.... | 64,892 | 183,225 | .06 | 50,299 | 100,267 | .06 |
| Lumber..... | Cu. m.... | 32,620 | 1,824,345 | .60 | 27,693 | 1,567,533 | .89 |
| Maguay..... | Kilos.... | 10,808,125 | 2,737,844 | .91 | 11,991,414 | 1,848,794 | 1.04 |
| Malt liquors..... | Liters.... | 175,047 | 125,387 | .04 | 39,871 | 34,127 | .02 |
| Metals, metal compositions and manufactures | | | 15,223 | .01 | | 108,557 | .06 |
| Oils: | | | | | | | |
| Candlenut..... | Kilos.... | 158,474 | 116,327 | .04 | 415 | 161 | (b) |
| Ilang-ilang..... | do..... | 1,378 | 120,077 | .04 | 1,571 | 57,554 | .03 |
| Pacol..... | do..... | 68,198 | 16,820 | .01 | 133,079 | 9,662 | .01 |
| Pearls..... | do..... | | 172,866 | .06 | | 3,444 | (b) |
| Pearl buttons..... | Gross.... | 379,296 | 546,171 | .18 | 226,699 | 245,905 | .14 |
| Pili nuts..... | Kilos.... | 276 | 161 | (b) | 121,549 | 17,949 | .01 |
| Rubber crude..... | do..... | 59,964 | 89,550 | .03 | 40,627 | 25,700 | .01 |
| Sapan wood..... | do..... | 931,449 | 41,647 | .01 | 203,045 | 5,781 | (b) |
| Shells..... | do..... | 488,205 | 419,490 | .13 | 375,335 | 204,012 | .12 |
| Spirits, distilled..... | Pf. liter. | 6,894 | 4,686 | (b) | 211,806 | 67,895 | .03 |
| Cigarettes..... | Number.. | 124,770,669 | 339,871 | .11 | 40,316,808 | 115,964 | .07 |
| Leaf tobacco..... | Kilos.... | 19,939,788 | 13,480,965 | 4.46 | 21,931,898 | 9,522,812 | 5.40 |
| Other tobacco ^c | do..... | 847,586 | 591,970 | .20 | 969,070 | 499,206 | .28 |
| All other domestic merchandise..... | | | 3,064,868 | 1.02 | | 1,566,969 | .89 |
| Exports of foreign merchandise..... | | | 6,183,130 | 2.05 | | 4,465,365 | 2.53 |

^a Figures are subject to correction in a later issue.

^b Less than one-hundredth of 1 per cent.

^c Cigars not included.

TABLE No. 22.—*Summary of manufactures, by general groups, 1903 and 1918*
[Sources: Censuses of 1903 and 1918]

| Groups of industries. | Census year. | Number of establishments. | Wage earners. | | Cost of materials used.* | Value of products. | | Value added by manufacture. | | Per cent value added of value of products. | Percent of increase (+) or decrease (—). | | | |
|---|-------------------|---------------------------|-----------------|-------------------|--------------------------|--------------------|-------------------|-----------------------------|-------------------|--|--|--------------------|-----------------------------|----------|
| | | | Average number. | Percent of total. | | Amount. | Percent of total. | Amount. | Percent of total. | | Wage earners (average number). | Value of products. | Value added by manufacture. | |
| | | | | | | | | | | | | | | |
| Food and kindred products... Textiles... Iron and steel and their products... Lumber and its manufactures... Leather and its finished products... Printing, etc., and photo studios... Liquors and beverages... Chemicals and allied products... Stone, clay, and glass products... Metals and metal products, other than iron and steel... Tobacco manufactures... Vehicles for land transportation... Miscellaneous industries... | 1903 | 1,531 | 48,004 | 60.0 | b 2,228,963 | ₹10,020,149 | 24.0 | ₹7,791,186 | 46.8 | 77.8 | + 65.7 | +1,319.8 | +1,373.2 | |
| | 1918 | 4,401 | 79,563 | 55.5 | 27,505,701 | 142,261,694 | 39.9 | 114,765,998 | 58.8 | 80.7 | | | | |
| | c 1903 | 233 | 3,475 | 4.4 | 790,228 | 1,618,582 | 3.9 | 828,354 | 5.0 | 51.2 | | | | |
| | 1918 | 1,000 | 8,650 | 6.0 | 43,569,338 | 55,814,087 | 15.7 | 12,244,749 | 6.3 | 21.9 | +148.9 | +3,348.3 | +1,378.2 | |
| | 1903 | 75 | 1,469 | 1.8 | 364,836 | 1,095,045 | 2.6 | 730,209 | 4.4 | 66.7 | | | | |
| | 1918 | 208 | 2,288 | 1.6 | 2,178,829 | 4,042,026 | 1.2 | 1,863,197 | 9.5 | 46.0 | + 55.8 | + 269.1 | + 155.2 | |
| | 1903 | 133 | 2,039 | 2.6 | 1,596,662 | 3,177,606 | 7.6 | 1,580,944 | 9.5 | 50.8 | | | | |
| | 1918 | 334 | 8,520 | 5.9 | 7,625,499 | 17,876,097 | 5.0 | 10,250,598 | 5.3 | 57.3 | +317.9 | + 462.6 | + 548.4 | |
| | 1903 | 243 | 1,681 | 2.1 | 591,641 | 1,249,058 | 3.0 | 657,417 | 3.9 | 52.6 | | | | |
| | 1918 | 470 | 3,183 | 2.2 | 3,638,061 | 6,245,511 | 1.8 | 2,607,450 | 1.3 | 41.7 | + 89.4 | + 400.0 | + 296.6 | |
| Printing, etc., and photo studios... Liquors and beverages... Chemicals and allied products... Stone, clay, and glass products... Metals and metal products, other than iron and steel... Tobacco manufactures... Vehicles for land transportation... Miscellaneous industries... | 1903 | 53 | 1,186 | 1.5 | 242,679 | 1,173,011 | 2.8 | 930,332 | 5.6 | 79.3 | + 76.3 | + 283.5 | + 215.2 | |
| | 1918 | 140 | 2,091 | 1.5 | 1,566,333 | 4,498,573 | 1.2 | 2,932,240 | 1.5 | 65.1 | | | | |
| | c 1903 | 331 | 2,541 | 3.2 | 2,478,042 | 4,787,718 | 11.5 | 2,309,676 | 13.9 | 48.2 | | | | |
| | 1918 | 151 | 2,172 | 1.5 | 5,666,614 | 13,907,351 | 3.9 | 8,240,737 | 4.3 | 59.2 | — 14.5 | + 190.5 | + 256.8 | |
| | 1903 | 253 | 1,731 | 2.2 | 676,050 | 1,249,451 | 3.0 | 573,401 | 3.4 | 45.9 | | | | |
| | 1918 | 555 | 6,649 | 4.6 | 47,097,478 | 64,001,871 | 17.9 | 16,904,393 | 8.6 | 26.4 | +284.0 | +5,022.4 | +2,848.1 | |
| | 1903 | 50 | 1,209 | 1.5 | 98,496 | 541,937 | 1.3 | 443,501 | 2.7 | 81.8 | | | | |
| | 1918 | 65 | 1,207 | .8 | 149,411 | 522,301 | 1.1 | 372,890 | .2 | 71.3 | — .2 | — 3.6 | — 16.9 | |
| | 1903 | 82 | 245 | .3 | 93,224 | 197,421 | .5 | 104,197 | .6 | 52.7 | +168.2 | +1,110.3 | +1,261.9 | |
| | 1918 | 243 | 4,366 | 3.1 | 970,346 | 2,389,406 | .7 | 1,419,060 | .7 | 59.3 | | | | |
| Tobacco manufactures... Vehicles for land transportation... Miscellaneous industries... | 1903 | 113 | 10,150 | 12.7 | 4,339,682 | 8,740,516 | 21.0 | 4,400,334 | 26.4 | 50.3 | — 43.5 | + 204.6 | + 239.2 | |
| | 1918 | 70 | 14,567 | 10.2 | 11,697,454 | 26,623,275 | 7.6 | 14,925,321 | 7.6 | 56.0 | | | | |
| | 1903 | 77 | 745 | .9 | 213,977 | 477,937 | 1.1 | 263,980 | 1.6 | 55.2 | + 4.0 | + 38.9 | + 22.7 | |
| | 1918 | 163 | 775 | .5 | 340,218 | 664,235 | .2 | 324,017 | .2 | 48.7 | | | | |
| | c 1903 | 85 | 5,431 | 6.8 | 11,334,972 | 7,371,704 | 17.7 | (C) | | 48.5 | + 75.7 | + 133.9 | ..... |  |
| | 1918 | 554 | 9,434 | 6.6 | 8,871,572 | 17,248,006 | 4.8 | 8,376,134 | 4.3 | 39.9 | | | | |
| | ALL INDUSTRIES... | c 1903 | 3,259 | 79,906 | 100.0 | b 25,049,452 | 41,700,225 | 100.0 | 16,650,763 | 100.0 | 39.9 | + 79.5 | + 753.9 | +1,072.4 |
| | | 1918 | 8,354 | 143,465 | 100.0 | 160,877,154 | 356,094,433 | 100.0 | 195,217,279 | 100.0 | 54.8 | | | |

^a Figures for 1903 represent cost of materials purchased.

^b Cost of materials for sugar mills not available.

^c Abaca presses not included for lack of data.

^d The cost of materials exceeds the value of products by ₹3,963,268; evidently, not all the materials purchased were manufactured.

TABLE No. 23.—*Summary of manufactures, by provinces, 1903 and 1918*

[For reference notes, see page 36]

| Provinces. | Census year. | Number of establishments. | Wage-earners (average number). | Capital. | Salaries, wages, and other expenses. | Monthly average wages. | Cost of materials used.* | Value of products. | Value added by manufacture. | Per cent of increase. | |
|-----------------------------|--------------|---------------------------|--------------------------------|------------|--------------------------------------|------------------------|--------------------------|--------------------|-----------------------------|--------------------------------|--------------------|
| | | | | | | | | | | Wage-earners (average number). | Value of products. |
| Abra..... | { 1903 | 4 | 18 | P3,735 | (b) | P172 | P1,516 | P5,433 | P3,917 | 172.2 | 1,356.2 |
| | { 1918 | 28 | 49 | 15,630 | P15,539 | 1,334 | 57,880 | 79,114 | 21,234 | ..... | ..... |
| Agusan ^b | { 1918 | 4 | 27 | 19,280 | (b) | 670 | 26,431 | 49,595 | 23,164 | ..... | ..... |
| | { 1903 | 67 | 248 | 88,293 | (b) | 4,657 | 210,786 | 263,396 | 42,610 | ..... | ..... |
| Albay..... | { 1918 | 393 | 393 | 804,679 | 237,026 | 14,975 | 313,824 | 2,118,010 | 1,804,186 | 58.6 | 735.8 |
| | { 1903 | 71 | 431 | 397,376 | (b) | 14,975 | 286,024 | 702,006 | 415,982 | ..... | ..... |
| Ambos Camarines..... | { 1918 | 106 | 862 | 495,959 | 449,930 | 22,125 | 428,027 | 2,354,747 | 1,926,720 | 79.2 | 235.4 |
| | { 1903 | 14 | 608 | 146,308 | (b) | 22,125 | (b) | 26,018 | ..... | ..... | ..... |
| Antique..... | { 1918 | 70 | 1,485 | 472,435 | 51,201 | 16,548 | 123,630 | 178,012 | 54,382 | 144.2 | 584.2 |
| | { 1903 | 858 | 858 | 173,335 | (b) | 11,426 | 71,035 | 172,029 | 100,994 | ..... | ..... |
| Bataan..... | { 1918 | 85 | 1,865 | 3,201,198 | 598,174 | 54,856 | 757,000 | 2,562,283 | 1,805,283 | 117.4 | 1,389.5 |
| | { 1903 | 57 | 351 | 79,057 | (b) | 4,568 | 101,697 | 174,801 | 73,104 | 1,456.7 | 3,273.3 |
| Batangas..... | { 1918 | 997 | 5,464 | 2,920,786 | 424,627 | 129,552 | 2,172,936 | 5,896,623 | 3,723,687 | ..... | ..... |
| | { 1903 | 21 | 240 | 85,941 | 22,846 | 4,303 | 51,712 | 136,940 | 85,228 | ..... | ..... |
| Bohol ^b | { 1918 | 136 | 1,519 | 603,557 | (b) | 22,212 | 623,016 | 1,193,552 | 570,536 | ..... | ..... |
| | { 1903 | 403 | 4,649 | 8,417,017 | 1,037,001 | 190,025 | 2,580,763 | 13,819,532 | 11,238,769 | 206.1 | 1,057.9 |
| Bulacan..... | { 1918 | 13 | 100 | 105,828 | (b) | 2,584 | 27,942 | 49,045 | 21,103 | 335.0 | 794.1 |
| | { 1903 | 63 | 435 | 287,101 | 78,274 | 8,095 | 192,422 | 438,432 | 246,060 | ..... | ..... |
| Cagayan..... | { 1918 | 17 | 161 | 213,610 | (b) | 1,897 | 48,455 | 121,238 | 72,833 | 888.8 | 932.1 |
| | { 1903 | 93 | 1,592 | 1,182,975 | 266,793 | 28,852 | 812,859 | 1,251,839 | 938,980 | ..... | ..... |
| Capiz..... | { 1918 | 68 | 3,614 | 11,271,630 | (b) | 179,299 | 9,112,673 | 3,747,208 | (d) | — 52.2 | — 9.7 |
| | { 1903 | 288 | 1,726 | 1,386,883 | 201,777 | 68,889 | 513,411 | 3,385,737 | 2,872,316 | ..... | ..... |
| Cavite..... | { 1918 | 154 | 1,828 | 900,068 | (b) | 21,194 | 289,236 | 696,282 | 408,996 | 200.8 | 1,937.9 |
| | { 1903 | 316 | 5,498 | 17,752,498 | 1,221,310 | 99,729 | 10,215,137 | 14,230,349 | 4,015,212 | ..... | ..... |
| Cebu..... | { 1918 | 4 | 20 | 80,300 | 1,871 | 570 | 2,519 | 388,150 | 335,631 | ..... | ..... |
| | { 1903 | 44 | 171 | 144,243 | 118,087 | 10,445 | 218,790 | 386,919 | 167,129 | ..... | ..... |
| Cotabato ^b | { 1918 | 3 | 11 | 1,724 | (b) | 80 | 2,528 | 7,992 | 5,464 | 4,718.2 | 3,003.8 |
| | { 1903 | 27 | 530 | 295,180 | 138,833 | 8,204 | 145,134 | 248,056 | 102,922 | ..... | ..... |
| Davao ^b | { 1918 | 23 | 261 | 154,921 | (b) | 3,949 | 193,671 | 394,883 | 141,212 | 170.1 | 48.8 |
| | { 1903 | 136 | 705 | 352,662 | 123,425 | 11,245 | 252,455 | 481,647 | 229,192 | ..... | ..... |
| Iloilo..... | { 1918 | 385 | 8,455 | 1,383,839 | (b) | 207,118 | 330,038 | 1,165,232 | 833,194 | 160.3 | 384.5 |
| | { 1903 | 20 | 49 | 4,962,050 | 1,152,048 | 27,931 | 2,575,194 | 5,685,324 | 3,060,790 | ..... | ..... |
| Isabela ^b | { 1918 | 128 | 1,252 | 29,541 | (b) | 989 | 47,344 | 78,621 | 31,277 | ..... | ..... |
| | { 1903 | 128 | 1,252 | 419,849 | (b) | 21,876 | 319,176 | 467,163 | 147,987 | 227.8 | 14,424.7 |
| Laguna..... | { 1918 | 588 | 4,404 | 10,398,577 | 2,339,281 | 144,957 | 6,044,061 | 67,863,999 | 61,809,938 | ..... | ..... |

TABLE No. 23.—Summary of manufactures, by provinces, 1903 and 1918—Continued

| Provinces. | Census year. | Number of establishments. | Wage-earners (average number). | Capital. | Salaries, wages, and other expenses. | Monthly average wages. | Cost of materials used. ^a | Value of products. | Value added by manufacture. | Per cent of increase. | |
|------------------|--------------|---------------------------|--------------------------------|-------------|--------------------------------------|------------------------|--------------------------------------|--------------------|-----------------------------|--------------------------------|--------------------|
| | | | | | | | | | | Wage-earners (average number). | Value of products. |
| Other provinces. | 1903 | 8 | 99 | P76,983 | (b) | P2,074 | P9,220 | P25,320 | P16,100 | 410.1 | 10,177.0 |
| | 1918 | 20 | 505 | 5,998,396 | P339,575 | 29,270 | 434,993 | 2,602,147 | 2,167,154 | | |
| Total. | 1903 | 3,259 | 79,906 | 53,159,580 | (b) | 1,146,658 | 25,049,452 | 41,700,215 | 16,650,763 | 79.5 | 753.9 |
| | 1918 | 8,354 | 143,465 | 222,473,592 | 53,300,517 | 4,121,673 | 160,877,154 | 356,094,433 | 195,217,279 | | |

^a Figures for 1903 represent cost of materials purchased.^b No data available prior to 1918.^c Data for sugar mills only. No data available for other industries.^d The cost of materials purchased exceeds the value of products by P5,365,465; evidently, not all the materials purchased were manufactured.^e Data for sugar mills only. Data for other industries included in "other provinces" to avoid disclosing business secrets.^f The cost of materials used exceeds the value of products by P299.^g Includes two sugar establishments for Capiz to avoid disclosing business secrets.^h Includes two establishments for Nueva Vizcaya to avoid disclosing business secrets.ⁱ Includes the provinces of Echol, Isabela, La Union, Mindoro, Nueva Vizcaya, and Paragua Sur (Palawan).^j Data for sugar and rice mills only.

TABLE No. 24.—*Summary of manufactures, by specified industries, 1903 and 1918*
 [For reference notes, see page 40]

| Industry. | Census year. | Number of establishments. | Wage earners (average number). | Capital. | Salaries, wages, and other expenses. | Monthly average wages. | Cost of materials used.* | Value of products. | Value added by manufacture. |
|---------------------------------|----------------|---------------------------|--------------------------------|----------------|--------------------------------------|------------------------|--------------------------|--------------------|-----------------------------|
| Abaca pressing industry. | { 1903 1918 | (b) 27 | (b) 1,294 | (b) 73,449,542 | (b) 71,902,360 | (b) 736,420 | (b) 737,012,912 | (b) 744,844,566 | (b) 77,831,654 |
| Abaca stripping industry. | { 1903 1918 | 38 | 335 | 156,555 | (b) | 10,323 | 20,408 | 77,123 | 56,715 |
| Bakeries and cake factories. | { 1903 1918 | 67 | 318 | 128,662 | (b) 16,593 | 3,634 | 5,865 | 163,200 | 147,335 |
| Basket weaving industry. | { 1903 1918 | 326 | 1,715 | 965,940 | (b) | 29,155 | 1,469,181 | 2,084,106 | 624,925 |
| Blacksmithing shops. | { 1903 1918 | 633 | 3,223 | 1,981,285 | 1,175,911 | 78,306 | 5,933,674 | 8,663,330 | 2,719,666 |
| | | 9 | 24 | 2,783 | 9,997 | 619 | 5,555 | 30,247 | 24,692 |
| | | 43 | 200 | 55,741 | (b) | 4,617 | 54,280 | 119,470 | 65,190 |
| | | 141 | 486 | 237,059 | 173,483 | 16,624 | 284,156 | 676,657 | 392,501 |
| Boat building. | { 1903 1918 | 26 | 4,200 | 12,478,008 | (b) | 208,006 | 9,523,539 | 4,499,170 | (d) |
| Box factories. | { 1903 1918 | 35 | 1,503 | 12,295,951 | 1,088,402 | 67,610 | 1,051,919 | 2,656,608 | 1,604,589 |
| Brick and tile factories. | { 1903 1918 | 4 | 31 | 5,780 | (b) | 380 | 720 | 9,700 | 8,980 |
| | | 32 | 269 | 275,673 | 249,556 | 12,496 | 557,185 | 967,265 | 410,080 |
| | | 17 | 954 | 237,543 | (b) | 8,898 | 72,840 | 457,790 | 384,950 |
| | | 26 | 238 | 446,823 | 109,553 | 6,353 | 92,534 | 243,706 | 151,172 |
| Candy factories. | { 1903 1918 | 32 | 174 | 68,920 | (b) | 9,372 | 103,873 | 214,605 | 110,732 |
| Canning industry. | { 1903 1918 | 13 | 141 | 118,801 | 80,519 | 4,015 | 206,471 | 330,585 | 124,114 |
| | | 4 | 64 | 55,245 | 9,490 | 674 | 7,876 | 23,421 | 15,545 |
| Caramel factories. | { 1903 1918 | 27 | 206 | 179,514 | 157,207 | 8,040 | 739,718 | 988,790 | 249,072 |
| Carpentry shops. | { 1903 1918 | 11 | 158 | 66,390 | (b) | 4,261 | 116,158 | 197,470 | 81,312 |
| | | 59 | 436 | 829,598 | 383,782 | 16,204 | 750,048 | 1,324,321 | 574,273 |
| Carriage factories. | { 1903 1918 | 77 | 745 | 264,725 | (b) | 18,798 | 213,977 | 477,957 | 263,980 |
| Charcoal industry. | { 1903 1918 | 159 | 749 | 316,150 | 232,512 | 22,205 | 327,937 | 639,942 | 312,005 |
| | | 35 | 626 | 166,395 | 83,934 | 9,119 | 100,460 | 292,142 | 191,682 |
| Cigar and cigarette factories. | { 1903 1918 | 113 | 10,150 | 4,500,403 | (b) | 138,112 | 4,339,682 | 8,740,516 | 4,400,834 |
| | | 70 | 14,567 | 16,796,490 | 10,989,843 | 435,379 | 11,637,454 | 26,623,275 | 14,925,821 |
| Clog (zucos) factories. | { 1903 1918 | 38 | 213 | 18,910 | 38,010 | 4,053 | 99,628 | 145,576 | 45,948 |
| Coffee and chocolate factories. | { 1903 1918 | 22 | 76 | 54,110 | (b) | 1,377 | 74,067 | 100,767 | 26,700 |
| Coffin factories. | { 1903 1918 | 52 | 254 | 463,870 | 117,329 | 7,081 | 616,034 | 918,451 | 302,417 |
| Comb and pipe factories. | { 1903 1918 | 15 | 73 | 122,048 | 47,438 | 3,588 | 31,872 | 165,578 | 133,706 |
| | | 4 | 10 | 5,600 | (b) | 141 | 6,528 | 10,750 | 4,222 |
| Copra drying factories. | { 1903 1918 | 37 | 219 | 18,520 | 10,836 | 697 | 42,611 | 60,083 | 17,472 |
| | | 349 | 1,923 | 52,554 | (b) | 1,861 | 79,631 | 151,024 | 71,393 |
| | | | | 804,253 | 207,825 | 43,228 | 804,910 | 1,331,160 | 536,250 |

TABLE No. 24.—Summary of manufactures, by specified industries, 1903 and 1918—Continued

[For reference notes, see page 40]

| Industry. | Census year. | Number of establishments. | Wage earners (average number). | Capital. | Salaries, wages, and other expenses. | Monthly average wages. | Cost of materials used. ^a | Value of products. | Value added by manufacture. |
|--|--------------|---------------------------|--------------------------------|------------|--------------------------------------|------------------------|--------------------------------------|--------------------|-----------------------------|
| Corn mills ^c | 1918 | 30 | 275 | \$126,100 | \$64,445 | \$4,094 | \$834,683 | \$962,962 | \$128,279 |
| Distilleries.. | 1903 | 287 | 2,195 | 4,232,356 | (^b) | 39,053 | 2,303,198 | 4,388,319 | 2,085,121 |
| | 1918 | 101 | 1,644 | 15,060,411 | 4,701,170 | 57,091 | 5,197,514 | 12,645,201 | 7,447,687 |
| Dyeing industry..... | 1903 | 19 | 9,565 | 9,565 | (^b) | 203 | 14,110 | 17,806 | 3,696 |
| | 1918 | 15 | 100 | 34,580 | 26,048 | 2,099 | 98,116 | 146,733 | 53,617 |
| Egg "balut" industry ^c | 1903 | 8 | 25 | 8,200 | (^b) | 343 | 5,022 | 6,700 | 1,678 |
| | 1918 | 14 | 28 | 26,300 | 1,535 | 175 | 43,973 | 48,927 | 4,954 |
| Embroidery shops ^c | 1918 | 115 | 2,057 | 2,633,437 | 1,077,708 | 46,832 | 1,359,045 | 2,502,240 | 1,143,195 |
| Furniture and cabinet making..... | 1903 | 35 | 278 | 195,847 | (^b) | 6,463 | 88,960 | 179,730 | 90,770 |
| | 1918 | 79 | 861 | 645,120 | 611,084 | 36,102 | 969,383 | 2,060,873 | 1,091,490 |
| Gas, electric light and power plant..... | 1903 | 8 | 171 | 2,238,560 | (^b) | 5,500 | 1,151,749 | 1,461,143 | 309,394 |
| | 1918 | 14 | 1,930 | 20,439,225 | 1,500,228 | 94,680 | 2,236,287 | 5,673,577 | 3,437,290 |
| Gaseous and mineral water..... | 1903 | 44 | 346 | 194,931 | (^b) | 6,157 | 174,844 | 399,399 | 224,555 |
| Gold and silversmith, watch repairing, jewelry, and optical shops..... | 1918 | 50 | 528 | 616,603 | 233,858 | 13,343 | 469,099 | 1,262,150 | 793,051 |
| | 1903 | 47 | 140 | 60,972 | (^b) | 3,106 | 62,113 | 112,241 | 50,128 |
| | 1918 | 180 | 629 | 1,190,790 | 321,326 | 23,561 | 487,725 | 1,040,693 | 552,968 |
| Gold mining industry ^c | 1918 | 6 | 1,897 | 1,930,000 | 897,760 | 47,530 | 80,916 | 454,000 | 373,084 |
| Hat and umbrella factories ^c | 1918 | 7 | 359 | 1,026,065 | 197,823 | 13,572 | 1,023,442 | 1,371,342 | 347,900 |
| Hat factories ^b | 1903 | 23 | 589 | 283,762 | (^b) | 15,930 | 207,604 | 507,015 | 239,411 |
| | 1918 | 61 | 327 | 317,164 | 200,298 | 12,096 | 358,989 | 798,070 | 439,081 |
| Ice plants..... | 1903 | 5 | 574 | 2,185,098 | (^b) | 21,135 | 294,858 | 862,742 | 567,884 |
| | 1918 | 18 | 391 | 3,408,643 | 288,930 | 15,890 | 489,870 | 1,123,787 | 633,917 |
| Iron foundries and machine shops..... | 1903 | 29 | 1,248 | 861,794 | (^b) | 34,830 | 307,435 | 968,225 | 660,790 |
| | 1918 | 23 | 1,322 | 2,895,174 | 639,988 | 38,366 | 1,802,354 | 3,130,421 | 1,328,067 |
| Iron plough points ^c | 1918 | 12 | 301 | 129,089 | 43,171 | 10,603 | 41,067 | 129,201 | 88,134 |
| Jusi textiles..... | 1903 | 34 | 246 | 36,451 | (^b) | 1,471 | 25,340 | 53,896 | 28,556 |
| | 1918 | 24 | 572 | 74,454 | 64,816 | 5,402 | 78,240 | 159,368 | 81,128 |
| Knife factories ⁱ | 1903 | 3 | 21 | 6,244 | (^b) | 182 | 3,121 | 7,350 | 4,229 |
| | 1918 | 32 | 179 | 12,550 | 24,923 | 4,172 | 51,252 | 105,748 | 54,496 |
| Lard factories ^c | 1918 | 5 | 6 | 12,400 | 2,309 | 170 | 8,210 | 29,520 | 21,310 |
| Lithography, printing and bookbinding shops..... | 1903 | 35 | 1,130 | 1,136,423 | (^b) | 40,679 | 229,607 | 1,110,428 | 880,821 |
| | 1918 | 74 | 1,813 | 2,185,263 | 1,711,420 | 89,095 | 1,413,434 | 3,989,662 | 2,576,228 |
| Macaroni, spaghetti and vermicelli factories ^c | 1918 | 32 | 353 | 310,228 | 218,391 | 11,435 | 515,495 | 1,243,668 | 728,173 |
| Marble carving shops..... | 1903 | 3 | 21 | 5,870 | (^b) | 344 | 4,552 | 17,708 | 13,155 |
| | 1918 | 6 | 36 | 16,718 | 21,676 | 1,125 | 11,751 | 60,333 | 38,582 |
| Metal and rubber stamp factories ^c | 1918 | 4 | 24 | 16,350 | 22,581 | 1,153 | 12,681 | 87,268 | 74,577 |

| | | | | | | | | | |
|---|------|-----|---------|------------|-----------|---------|------------|------------|------------|
| Mineral coal industry °..... | 1918 | 8 | 1,581 | 3,025,000 | 194,205 | 14,323 | 25,013 | 245,312 | 220,293 |
| Musical instrument factories °..... | 1918 | 13 | 34 | 14,250 | 14,487 | 1,056 | 7,738 | 29,784 | 22,046 |
| Native confectioneries °..... | 1918 | 244 | 747 | 230,206 | 240,918 | 16,256 | 738,584 | 1,240,757 | 502,173 |
| Native cheese industry °..... | 1918 | 13 | 27 | 1,445 | 2,744 | 255 | 5,587 | 15,896 | 10,309 |
| Nipa roof making °..... | 1918 | 12 | 674 | 36,038 | 17,321 | 8,738 | 20,950 | 52,638 | 31,688 |
| Oil factories..... | 1903 | 39 | 267 | 211,005 | 5,507 | 5,507 | 213,339 | 302,032 | 88,643 |
| | 1918 | 181 | 4,169 | 41,632,721 | 4,863,902 | 214,443 | 44,144,357 | 59,722,483 | 15,577,926 |
| Photographic studios..... | 1903 | 48 | 48 | 60,592 | (b) | 1,315 | 12,304 | 57,083 | 44,779 |
| | 1918 | 66 | 278 | 218,110 | 198,593 | 11,235 | 152,900 | 508,910 | 356,010 |
| Piña textiles °..... | 1918 | 3 | 30 | 974 | 1,679 | ..... | 2,770 | 4,860 | 2,090 |
| Poster and sign painting shops °..... | 1918 | 4 | 12 | 2,892 | 10,723 | 532 | 6,885 | 20,714 | 13,829 |
| Potteries..... | 1903 | 20 | 234 | 53,872 | (b) | 8,607 | 21,104 | 66,499 | 45,395 |
| | 1918 | 32 | 504 | 144,009 | 99,523 | 9,635 | 39,109 | 180,886 | 141,827 |
| Railroad tie making °..... | 1918 | 16 | 44 | 106,444 | 194,345 | 14,768 | 75,989 | 348,302 | 272,313 |
| Rattan furniture °..... | 1918 | 6 | 227 | 6,650 | 24,698 | 2,217 | 30,195 | 65,215 | 35,020 |
| | 1903 | 37 | 184 | 30,431 | (b) | 2,644 | 21,489 | 73,645 | 52,156 |
| Lime burners..... | 1918 | 23 | 184 | 190,832 | 23,451 | 4,305 | 133,863 | 129,134 | (c) |
| Rope factories °..... | 1918 | 3 | 486 | 626,049 | 220,512 | 16,915 | 1,848,385 | 2,248,992 | 400,607 |
| Sack industry °..... | 1918 | 3 | 56 | 111,100 | 21,153 | 1,590 | 542,606 | 748,112 | 205,506 |
| Saddleries..... | 1903 | 16 | 90 | 81,184 | (a) | 2,610 | 37,275 | 70,657 | 33,382 |
| | 1918 | 30 | 192 | 318,634 | 122,143 | 7,082 | 154,702 | 436,579 | 281,877 |
| Salt industry..... | 1903 | 49 | 841 | 245,952 | (b) | 20,526 | (b) | 91,284 | ..... |
| | 1918 | 254 | 1,814 | 1,379,608 | 166,375 | 56,961 | 107,893 | 957,800 | 849,907 |
| Sausage factories °..... | 1918 | 11 | 27 | 36,290 | 41,516 | 1,013 | 157,899 | 215,526 | 57,627 |
| Sawmills..... | 1903 | 78 | 1,531 | 2,623,037 | (b) | 34,965 | 1,368,860 | 2,736,754 | 1,367,894 |
| | 1918 | 98 | 5,608 | 12,650,133 | 3,170,594 | 180,856 | 5,140,562 | 12,717,617 | 7,577,055 |
| Sculpture, metal work, silversmith, engraving, and stencil shops..... | 1903 | 4 | 8 | 4,200 | (b) | 132 | 768 | 5,500 | 4,732 |
| | 1918 | 13 | 96 | 53,217 | 61,541 | 4,412 | 26,319 | 110,907 | 84,588 |
| Shoemaking..... | 1903 | 627 | 226,581 | (b) | 11,468 | 180,133 | 394,213 | 214,080 | 214,080 |
| | 1918 | 138 | 1,079 | 1,677,616 | 566,503 | 36,393 | 1,353,480 | 2,350,327 | 996,847 |
| Shrimp and fish drying and salting industry °..... | 1918 | 208 | 1,076 | 448,018 | (b) | 19,673 | 1,562,692 | 1,981,094 | 418,402 |
| | 1903 | 80 | 606 | 217,997 | (b) | 15,836 | 179,869 | 446,943 | 267,074 |
| Slipper shops..... | 1918 | 198 | 1,368 | 571,939 | 537,246 | 38,271 | 1,249,675 | 2,147,958 | 898,283 |
| Soap..... | 1903 | 90 | 287 | 262,937 | (b) | 6,044 | 284,565 | 551,585 | 267,020 |
| | 1918 | 78 | 314 | 501,734 | 248,226 | 11,050 | 2,352,749 | 2,706,301 | 353,552 |
| Spinning establishments °..... | 1918 | 3 | 26 | ..... | 3,322 | 478 | 61,221 | (a) | (a) |
| Stone-cutter and bricklayers °..... | 1918 | 11 | 429 | 17,524 | 39,062 | 13,614 | 6,018 | 47,326 | 41,308 |
| Tailor shops..... | 1903 | 119 | 738 | 364,998 | (b) | 16,915 | 260,992 | 559,788 | 238,796 |
| | 1918 | 583 | 2,594 | 841,896 | 1,124,731 | 86,225 | 1,732,860 | 3,466,479 | 1,733,619 |
| Tanneries..... | 1903 | 30 | 176 | 160,373 | (b) | 4,327 | 128,651 | 220,745 | 92,094 |
| | 1918 | 59 | 284 | 357,946 | 137,708 | 7,733 | 706,630 | 1,002,527 | 295,897 |
| Textile factories..... | 1903 | 505 | 790 | 7,500 | (b) | 1,600 | 6,260 | 13,928 | 7,668 |
| | 1918 | 96 | 790 | 906,950 | 100,179 | 12,496 | 473,290 | 680,246 | 206,956 |

TABLE No. 24.—*Summary of manufactures, by specified industries, 1903 and 1918—Continued*

| Industry. | Census year. | Number of establishments. | Wage earners (average number). | Capital. | Salaries, wages, and other expenses. | Monthly average wages. | Cost of materials used. ^a | Value of products. | Value added by manufacture. |
|------------------------------|----------------|---------------------------|--------------------------------|---------------------------|--------------------------------------|------------------------|--------------------------------------|---------------------------|-----------------------------|
| Tinsmith shops. | { 1903 1918 | 35 41 | 105 164 | ₹63,095 211,849 | (b) ₹111,944 | ₹1,742 6,971 | ₹31,111 350,373 | ₹85,180 538,494 | ₹54,069 188,121 |
| Trunk factories. | { 1903 1918 | 24 7 | 183 47 | 70,600 33,322 | (b) 45,158 | 3,083 2,127 | 66,713 73,947 | 116,500 162,544 | 50,787 88,597 |
| Various repair shops. | { 1918 1918 | 34 4 | 479 26 | 587,034 21,000 | 359,753 8,423 | 24,911 708 | 316,380 12,281 | 829,729 24,293 | 513,349 12,012 |
| Vulcanizing shops. | { 1903 1918 | 38 19 | 152 168 | 162,678 104,752 | (b) 69,988 | 3,792 5,787 | 156,607 358,415 | 230,905 486,153 | 74,298 127,738 |
| Wax candle factories. | { 1903 1918 | 24 44 | 681 1,837 | 325,905 5,155,552 | (b) 958,386 | 7,580 58,328 | 556,095 2,822,448 | 829,853 3,915,963 | 273,738 1,098,515 |
| Other industries. | { 1903 1918 | 73 452 | 767 2,414 | 624,806 5,320,209 | (b) 929,079 | 9,451 68,895 | 586,820 2,467,359 | 1,010,965 43,462,805 | 424,145 40,995,446 |
| Rice mills. | { 1903 1918 | 1,075 2,663 | 45,247 70,722 | 16,933,495 52,407,514 | (b) 8,170,152 | 388,817 1,406,801 | (b) 13,667,445 | 6,603,006 82,145,962 | 40,995,446 68,478,517 |
| Sugar mills. | { 1903 1918 | 3,259 8,354 | 79,906 143,465 | 53,159,580 222,473,592 | (b) 53,300,517 | 1,146,658 3,670,879 | 25,049,452 160,877,154 | 41,700,215 356,094,433 | 16,650,763 195,217,279 |
| ALL INDUSTRIES. | { 1903 1918 | | | | | | | | |

^a Figures for 1903 represent cost of materials *purchased*.^b No data available.^c Included in other classifications in 1903.^d The cost of materials purchased exceeds the value of products by ₹5,024,419; evidently, not all the materials purchased were manufactured.^e Figures for 1903 are reported as for "boxes, wooden packing."^f Figures for 1903 are reported as for "confectionery."^g Figures for 1903 are reported as for "food preparations."^h Figures for 1903 are reported as for "hats and caps."ⁱ Figures for 1903 are reported as for "cutlery and edge tools."^j The cost of materials used exceeds the value of products by ₹4,729.^k The cost of materials used exceeds the value of products by ₹40.

TABLE NO. 25.—*Number of cigar and cigarette factories and quantities produced, 1920 and 1921*

[Source: Bureau of Internal Revenue]

| Year. | Number of factories. | Number manufactured for— | | | Increase (+) or decrease (—). | |
|-----------|----------------------|--------------------------|-------------|---------------|-------------------------------|-----------|
| | | Local consumption. | Export. | Total. | Quantity. | Per cent. |
| | | Cigars. | | | | |
| 1920..... | 91 | 96,196,683 | 414,603,650 | 510,800,333 | + 11,741,099 | + 2.35 |
| 1921..... | 75 | 76,040,656 | 154,184,049 | 230,224,705 | -280,575,628 | + 54.92 |
| | | Cigarettes. | | | | |
| 1920..... | 24 | 4,911,121,300 | 128,663,141 | 5,039,784,441 | - 9,354,459 | - 0.19 |
| 1921..... | 28 | 4,492,390,886 | 28,802,719 | 4,521,193,605 | -518,590,836 | -10.29 |

TABLE NO. 26.—*Annual production of domestic distilled spirits, fermented liquors and wines, 1920 and 1921*

[Source: Bureau of Internal Revenue]

| Year. | Distilled spirits. | | Fermented liquors. | Wines. | Total output. | Decrease. | |
|-----------|--------------------|----------------------|---------------------|---------------------|----------------|----------------|-----------|
| | Distilleries. | Quantity produced. | | | | Quantity. | Per cent. |
| | | <i>Proof liters.</i> | <i>Gaugeliters.</i> | <i>Gaugeliters.</i> | <i>Liters.</i> | <i>Liters.</i> | |
| 1920..... | 81 | 11,716,896 | 4,874,400 | 1,226,680 | 17,817,976 | 3,260,023 | 15.47 |
| 1921..... | 93 | 8,751,671 | 3,693,560 | 803,921 | 13,249,152 | 4,568,824 | 25.64 |

TABLE NO. 27.—*Quantity of abaca (Manila hemp) inspected and graded during the years, 1920 and 1921*

[Source: Bureau of Agriculture]

| Province or district. | 1920 | 1921 |
|--------------------------|---------------|---------------|
| | <i>Kilos.</i> | <i>Kilos.</i> |
| Albay..... | 24,754,661 | 9,936,196 |
| Ambos Camarines..... | 12,099,470 | 5,101,112 |
| Cavite..... | 808,209 | 712,555 |
| Cebu..... | 739,516 | 250,849 |
| Leyte..... | 32,412,339 | 26,269,117 |
| Mindanao (North)..... | 16,320,906 | 6,673,002 |
| Mindanao (South)..... | 16,057,028 | 16,674,471 |
| Mindoro..... | 1,607,559 | 605,682 |
| Negros..... | 962,789 | 36,685 |
| Samar..... | 10,759,207 | 9,171,123 |
| Sorsogon..... | 13,246,828 | 10,961,352 |
| All others..... | 4,076,714 | 1,997,688 |
| Total..... | 133,845,226 | 88,389,852 |
| STANDARD GRADES. | | |
| AA, Tagal braid..... | 148,005 | 59,961 |
| BB, Tagal braid..... | 257,301 | 122,958 |
| CC, Tagal braid..... | 297,907 | 223,907 |
| DD, Tagal braid..... | 97,405 | 247,813 |
| EE, Tagal braid..... | 17,078 | 93,230 |
| A, Extra prime..... | 22,262 | 28,210 |
| B, Prime..... | 231,998 | 124,096 |
| C, Superior current..... | 1,089,288 | 552,426 |
| D, Good current..... | 3,383,240 | 1,934,944 |
| E, Midway..... | 9,982,750 | 5,429,759 |
| S-1, Streaky No. 1..... | 3,438,016 | 2,892,043 |
| S-2, Streaky No. 2..... | 5,933,485 | 5,502,118 |
| S-3, Streaky No. 3..... | 4,565,892 | 4,460,176 |
| F, Current..... | 18,719,601 | 12,269,741 |
| G, Seconds..... | 5,832,663 | 5,975,860 |
| H, Brown..... | 2,806,907 | 2,093,448 |
| I, Good fair..... | 17,518,610 | 14,661,730 |
| J, Fair..... | 26,810,664 | 16,349,619 |
| K, Medium..... | 10,087,112 | 4,300,114 |
| L, Coarse..... | 13,357,770 | 4,521,237 |
| M, Coarse brown..... | 5,015,094 | 2,063,341 |
| All others..... | 4,232,178 | 4,543,121 |

TABLE NO. 28.—Quantity of copra and coconut oil produced, by provinces, during the years ended June 30, 1920 and 1921

[Source: Bureau of Agriculture]

| Provinces. | Copra. | | Oil. ^a | |
|-------------------------|-------------|-------------|-------------------|-----------|
| | 1920 | 1921 | 1920 | 1921 |
| | Kilos. | Kilos. | Kilos. | Kilos. |
| Abra | | | 3,614 | 4,523 |
| Agusan | 2,393,254 | 2,167,767 | 598 | 2,378 |
| Albay | 8,561,583 | 6,557,127 | 902,829 | 273,836 |
| Antique | 384,307 | 586,517 | 66,953 | 78,107 |
| Bataan | 2,340 | 3,163 | 5,243 | 4,386 |
| Batanes | 443 | | 1,147 | 2,083 |
| Batangas | 782,213 | 809,347 | 1,207 | 1,697 |
| Bohol | 9,542,907 | 11,233,706 | 132,042 | 66,840 |
| Bukidnon | 25,300 | | | 167 |
| Bulacan | | | 5 | 5 |
| Cagayan | | | 34,397 | 102,885 |
| Camarines Norte | 4,065,204 | 5,299,338 | 15,739 | 66,477 |
| Camarines Sur | 4,378,544 | 3,738,075 | 141,500 | 105,155 |
| Capiz | 7,564,510 | 4,387,842 | 23,597 | 34,791 |
| Cavite | 50,727 | 81,023 | 2,370 | 1,823 |
| Cebu | 28,835,802 | 30,983,076 | 129,045 | 150,095 |
| Cotabato | 166,031 | 126,816 | 2,077 | 14,747 |
| Davao | 785,881 | 899,478 | 1,507 | 1,883 |
| Ilocos Norte | | | 6,365 | 10,560 |
| Ilocos Sur | 180,642 | 81,656 | 7,763 | 41,104 |
| Iloilo | 2,096,421 | 2,654,413 | 8,297 | 9,257 |
| Isabela | | | 77 | 12,765 |
| Laguna | 68,959,514 | 71,427,276 | 448,342 | 532,585 |
| Lanao | 198,605 | 159,074 | 3,591 | 1,573 |
| La Union | 307,838 | 304,233 | 14,480 | 22,895 |
| Leyte | 15,000,686 | 22,249,073 | 152,815 | 137,472 |
| Marinduque | 6,376,802 | 6,674,836 | 2,024 | 710 |
| Masbate | | 2,041,836 | | 18,094 |
| Mindoro | 1,116,173 | 1,540,707 | 890 | 22,705 |
| Misamis | 36,208,601 | 41,728,112 | 5,391 | 16,336 |
| Mountain | | | 986 | 1,832 |
| Nueva Ecija | | | 3,515 | 10,699 |
| Nueva Vizcaya | | | 952 | 759 |
| Occidental Negros | 4,290,500 | 3,859,831 | 10,778 | 1,215 |
| Oriental Negros | 7,433,393 | 7,521,880 | 36,501 | 29,777 |
| Palawan | 1,091,252 | 1,257,600 | 2,534 | 60,182 |
| Pampanga | | | | |
| Pangasinan | 4,671,582 | 4,453,180 | 192,938 | 270,944 |
| Rizal | | | | |
| Romblon | 2,968,196 | 2,471,114 | 1,069 | 1,861 |
| Samar | 34,673,966 | 34,756,508 | 156,219 | 131,196 |
| Sorsogon | 4,783,408 | 2,371,938 | 51,437 | 173,672 |
| Sulu | | 231,305 | | 5,088 |
| Surigao | 5,061,644 | 8,438,942 | 24,364 | 5,659 |
| Tarlac | | | 6,427 | 6,743 |
| Tayabas | 75,311,079 | 72,871,906 | 32,003 | 28,000 |
| Zambales | 313,594 | 166,284 | 19,564 | 6,503 |
| Zamboanga | 23,022,431 | 20,487,497 | 10,301 | 31,645 |
| Total | 361,605,373 | 374,622,476 | 2,663,493 | 2,503,719 |

^a The production herein given does not include coconut oil produced from copra. The following are estimates of the total production in metric tons during the last five years:

| | | | |
|------------|---------|------------|---------|
| 1917 | 47,625 | 1920 | 181,944 |
| 1918 | 119,494 | 1921 | 74,237 |
| 1919 | 140,083 | | |

TABLE No. 29.—Average minimum and maximum wages of laborers in various factories and industrial establishments in the city of Manila during 1919 and 1920

[Source: Bureau of Labor]

| Factories and industries. | 1919 | | | | 1920 | | | |
|---|-------------------------|------|---------------------------|------|--------------------------|------|--------------------------|------|
| | Daily. | | Monthly. | | Daily. | | Monthly. | |
| | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. |
| Ampao and apa (Japanese)..... | | | ^b ₱28.00-34.00 | | | | | |
| Aerated water factories..... | ₱1.40-2.20 | | 26.00-38.00 | | ₱0.65-0.85 | | ₱16.00-56.00 | |
| Abaca press establishments..... | ^a 6.00-10.00 | | | | | | | |
| Bakeries and confectioneries..... | 1.90-2.50 | | 19.00-37.00 | | | | 18.17-64.50 | |
| Basket making shops..... | 1.00-2.00 | | | | | | | |
| Bed factories..... | 1.80-3.00 | | 25.00 | | | | | |
| Blacksmith shops..... | 1.50-2.80 | | 37.00-48.00 | | ^a 13.50-19.50 | | | |
| Boat construction and repair shops..... | 2.00-3.85 | | 35.00-100.00 | | | | | |
| Box factories..... | 1.25-1.60 | | 33.00-40.00 | | | | | |
| Breweries..... | .60-3.30 | | 55.00-64.00 | | | | 22.50-84.00 | |
| Button factories..... | .70-2.50 | | 70.00-100.00 | | 1.00-3.00 | | | |
| Candle factories..... | | | ^b 22.00-38.50 | | | | 20.00-60.00 | |
| Candy factories..... | 1.00-2.50 | | 30.00-120.00 | | 1.20-1.58 | | 20.00-60.00 | |
| Coffin factories..... | 2.00-2.60 | | 44.00-49.00 | | | | | |
| Caramel factories..... | | | ^b 30.00-54.00 | | | | 15.00-80.00 | |
| Carpentry shops..... | 2.25-3.00 | | | | 1.35-6.00 | | | |
| Carriage factories..... | 1.70-3.50 | | | | .50-4.52 | | | |
| Chocolate factories..... | .80-1.80 | | | | 1.00-1.52 | | 18.00-60.00 | |
| Cigar and cigarette factories..... | ^a 3.00-15.00 | | | | .55-3.75 | | 30.00-160.00 | |
| Cloth factory..... | 1.00-2.60 | | | | ^a 3.00-13.54 | | | |
| Canneries..... | | | 18.00-25.00 | | | | | |
| Distilleries..... | 1.10-2.50 | | 44.00-62.00 | | | | 33.00-96.56 | |
| Dried and smoked fish industry..... | | | ^b 18.00-31.00 | | | | | |
| Embroidery establishments..... | .90-1.65 | | 36.00-65.00 | | 1.15-1.94 | | 35.25-230.22 | |
| Firewood..... | .60-1.10 | | | | | | | |
| Foundry shops..... | | | | | 1.50-4.90 | | 30.00-85.00 | |
| Furniture shops..... | 1.60-2.30 | | 37.00-53.00 | | | | | |
| Gas work..... | 1.20-2.50 | | | | | | | |
| Hat factories..... | 1.40-2.00 | | 37.00-77.00 | | ^a 6.00-15.50 | | 35.00-65.00 | |
| Ice factories..... | | | 50.00-56.00 | | 1.10-2.37 | | 33.00-35.00 | |
| Laundries..... | 1.00-1.60 | | 25.00-35.00 | | ^a 4.67-13.00 | | | |
| Lithographies..... | | | | | 1.13-4.01 | | | |
| Printing and binding..... | 2.00-4.00 | | 36.00-76.00 | | 1.75-4.56 | | | |
| Machinery shops..... | 1.50-4.50 | | | | .85-4.81 | | | |
| Marble shops..... | | | | | 1.88-2.75 | | | |
| Match factories..... | | | | | 1.00-3.08 | | | |
| Moulding shops..... | 1.05-1.76 | | 30.00-30.00 | | | | | |
| Oil factories..... | 1.60-2.00 | | 23.00-112.00 | | 1.30-3.08 | | 54.38-93.75 | |
| Painting shops..... | 1.30-2.60 | | | | 3.20-4.70 | | | |
| Paste and vermicelli factories..... | 1.20-2.00 | | 26.00-35.00 | | .80-1.20 | | ^a 6.00-12.00 | |
| Photo studios..... | 2.00-3.25 | | 56.00-58.00 | | | | 25.00-91.80 | |
| Piano repairing shops..... | | | | | | | ^a 16.00-25.00 | |
| Plumbing shops..... | 1.50-3.00 | | 75.00-94.00 | | 1.80-3.50 | | | |
| Repair shops..... | 1.25-4.50 | | 100.00-177.00 | | 1.50-3.00 | | 50.00-60.00 | |
| Rice mills..... | | | | | 1.20-1.50 | | 46.25-67.50 | |
| Rigging and cordage shops..... | 1.80-2.50 | | 52.00 | | | | | |
| Rope factories..... | | | | | .80-3.21 | | 45.00-120.00 | |
| Rubber repair shops..... | 1.23-1.76 | | 28.00-56.00 | | | | | |
| Saddleries..... | 1.20-2.00 | | 24.00-30.00 | | | | ^a 14.13-24.75 | |
| Sail shops..... | 1.50-2.30 | | | | 1.30-3.00 | | | |
| Sawmills..... | 1.30-3.25 | | 24.00-55.00 | | .60-6.00 | | 20.00-128.50 | |
| Sculpture shops..... | 1.70-2.25 | | | | 2.75-3.50 | | 15.00-17.40 | |
| Shell-comb factories..... | | | 28.00-39.00 | | | | | |
| Shoemaker shops..... | 1.50-2.20 | | 50.00 | | | | ^a 12.00-27.50 | |
| Slipper factories..... | ^a 8.00-12.00 | | | | ^a 4.67-18.00 | | 40.00-50.00 | |
| Soap factories..... | | | 32.00-49.50 | | 1.30-3.60 | | 40.00-103.22 | |
| String instrument factories..... | 1.30-1.85 | | 43.00 | | 1.35-2.50 | | ^a 12.00-16.50 | |
| Tature (sauce) factories..... | | | 26.90-47.27 | | | | | |
| Tailor shops..... | ^a 7.00-15.00 | | | | .70-4.00 | | 60.00-300.00 | |
| Tile works..... | 1.00-3.30 | | 24.50-42.50 | | .80-3.00 | | | |
| Tinsmith shops..... | 1.50-2.20 | | 38.00-48.00 | | 1.00-3.00 | | 30.00-60.00 | |
| Trunk factories..... | 1.20-3.00 | | 29.00-48.00 | | | | | |
| Tobacco leaf press..... | ^a 3.00-9.00 | | | | | | | |
| Umbrella factories..... | .80-1.50 | | | | | | | |
| Watch and silversmith shops..... | 1.50-2.50 | | 41.00-59.00 | | | | 27.50-442.50 | |

^a Weekly.

^b With subsistence.

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TABLE NO. 30.—*Annual average import prices of the leading articles of merchandise imported, 1918-1921^a*

| Articles. | Unit. | 1918 | 1919 | 1920 | 1921 ^b |
|-------------------------------------|----------------|----------|----------|----------|-------------------|
| Animal—Carabao..... | One..... | P120.17 | P125.17 | P138.88 | P139.73 |
| Automobiles..... | do..... | 1,676.25 | 2,325.80 | 2,356.76 | 2,909.90 |
| Boots and shoes: | | | | | |
| India rubber..... | Pair..... | 1.09 | 2.58 | 2.61 | 2.89 |
| Leather..... | do..... | 3.69 | 6.11 | 7.70 | 5.04 |
| Breadstuffs: | | | | | |
| Baking powder..... | Kilo..... | 1.06 | 0.94 | 0.97 | 0.90 |
| Bread and biscuit..... | do..... | .92 | .81 | .91 | .99 |
| Rice..... | do..... | .09 | .17 | .21 | .11 |
| Wheat flour..... | do..... | .18 | .19 | .21 | .17 |
| Cement..... | do..... | .03 | .03 | .04 | .04 |
| Chocolate..... | do..... | 1.16 | 1.16 | 1.62 | 1.54 |
| Cotton: | | | | | |
| Cloth— | | | | | |
| Bleached..... | Sq. meter..... | .37 | .54 | .73 | .47 |
| Dyed with yarns..... | do..... | .46 | .61 | .77 | .44 |
| Printed..... | do..... | .38 | .50 | .66 | .34 |
| Unbleached..... | do..... | .36 | .59 | .64 | .28 |
| Yarns— | | | | | |
| Bleached..... | Kilo..... | 2.71 | 1.95 | 3.33 | 2.07 |
| Dyed or colored..... | do..... | 3.37 | 3.82 | 2.43 | 2.84 |
| Mercerized..... | do..... | 3.44 | 2.80 | 5.54 | 3.44 |
| Unbleached..... | do..... | 2.12 | 2.36 | 3.08 | 1.12 |
| Eggs..... | Dozen..... | .30 | .33 | .43 | .27 |
| Fish: | | | | | |
| Salmon, canned..... | Kilo..... | .58 | .47 | .41 | .29 |
| Sardines, canned..... | do..... | .58 | .51 | .50 | .43 |
| Fruits: | | | | | |
| Apples..... | do..... | .17 | .21 | .27 | .23 |
| Oranges..... | do..... | .19 | .23 | .34 | .20 |
| Raisins..... | do..... | .44 | .34 | .72 | .88 |
| Fuel and oils: | | | | | |
| Coal..... | M. ton..... | 11.51 | 19.43 | 19.98 | 15.13 |
| Illuminating oil..... | Liter..... | .10 | .13 | .15 | .14 |
| Lubricating and heavy paraffin..... | do..... | .19 | .26 | .24 | .28 |
| Hats: | | | | | |
| Straw..... | One..... | 2.53 | 3.54 | 4.49 | 3.98 |
| Woolen..... | do..... | 1.47 | 1.59 | 4.02 | 3.84 |
| Iron and steel: | | | | | |
| Iron— | | | | | |
| Bar..... | Kilo..... | .21 | .26 | .21 | .23 |
| Corrugated roofing..... | do..... | .39 | .39 | .40 | .30 |
| Pig..... | do..... | .12 | .08 | .08 | .07 |
| Structural..... | do..... | .24 | .33 | .24 | .33 |
| Steel— | | | | | |
| Bar..... | do..... | .24 | .20 | .20 | .17 |
| Rails for railways, etc..... | do..... | .19 | .16 | .14 | .20 |
| Meat and dairy products: | | | | | |
| Beef, fresh..... | do..... | .45 | .49 | .52 | .47 |
| Pork, fresh..... | do..... | 1.28 | .65 | 1.39 | .79 |
| Hams and shoulders..... | do..... | 1.32 | 1.40 | 1.67 | 1.14 |
| Butter..... | do..... | 1.80 | 1.89 | 2.22 | 1.82 |
| Cheese..... | do..... | 1.56 | 1.47 | 1.52 | 1.26 |
| Sweetened condensed milk..... | do..... | .73 | .80 | .75 | .84 |
| Paints: | | | | | |
| Lead— | | | | | |
| Red..... | do..... | .74 | .49 | .51 | .48 |
| White..... | do..... | .48 | .51 | .53 | .46 |
| Zinc, oxide of..... | do..... | .54 | .58 | .63 | .58 |
| Quinine, sulphate of..... | Hectogram..... | .61 | 4.33 | 4.64 | 8.84 |
| Silk cloths..... | Sq. meter..... | .98 | 1.20 | 1.99 | 1.25 |
| Waters, mineral..... | Liter..... | .32 | .38 | .37 | .39 |
| Wood: | | | | | |
| Lumber— | | | | | |
| Pine..... | Cu. meter..... | 32.40 | 53.63 | 41.54 | 54.52 |
| Redwood..... | do..... | 28.76 | 35.40 | 64.85 | 70.53 |
| Ties for railways..... | One..... | .50 | ..... | ..... | 2.25 |
| Timber— | | | | | |
| Cedar..... | Cu. meter..... | 28.29 | 15.23 | ..... | 34.49 |
| Woolen cloths..... | Sq. meter..... | 1.82 | 2.13 | 2.70 | 2.04 |

^a The values shown are the values of the goods in the foreign markets whence exported to the Philippines.

^b Figures are subject to correction in a later issue.

TABLE No. 31.—*Annual average export prices of the leading articles of domestic production exported, 1918-1921*

| Articles. | Unit. | 1918 | 1919 | 1920 | 1921* |
|--|----------------|--------|-------|-------|-------|
| Coconut cake..... | Kilo..... | ₧0.03 | ₧0.06 | ₧0.06 | ₧0.03 |
| Copra..... | do..... | .19 | .35 | .29 | .17 |
| Cordage..... | do..... | .78 | .70 | .69 | .51 |
| Gums and resins: | | | | | |
| Copal..... | do..... | .42 | .21 | .36 | .26 |
| Elemi..... | do..... | .57 | .69 | .95 | .27 |
| Gutta-percha..... | do..... | .86 | .97 | 1.30 | .91 |
| Rubber, crude..... | do..... | 2.18 | 1.61 | 1.49 | .63 |
| Hats: | | | | | |
| Arayat..... | One..... | .11 | .13 | .17 | .18 |
| Bamboo..... | do..... | 1.29 | 2.34 | 2.20 | 2.76 |
| Buntal..... | do..... | 3.35 | 3.28 | 4.24 | 2.94 |
| Buri..... | do..... | 2.40 | 3.39 | .42 | .33 |
| Hemp: | | | | | |
| Grade AA..... | Kilo..... | 1.59 | 1.31 | 1.27 | 1.10 |
| Grade BB..... | do..... | 1.41 | 1.08 | 1.11 | .96 |
| Grade CC..... | do..... | 1.28 | .95 | .96 | .77 |
| Grade DD..... | do..... | 1.14 | .94 | .89 | .60 |
| Grade EE..... | do..... | 1.02 | .82 | .69 | .45 |
| Grade A, Extra prime..... | do..... | 1.45 | .88 | .95 | .54 |
| Grade B, prime..... | do..... | 1.04 | .76 | .90 | .47 |
| Grade C, superior current..... | do..... | .93 | .71 | .86 | .40 |
| Grade D, good current..... | do..... | .90 | .69 | .82 | .37 |
| Grade E, midway..... | do..... | .84 | .66 | .77 | .35 |
| Grade S-1, streaky No. 1..... | do..... | .79 | .59 | .74 | .31 |
| Grade S-2, streaky No. 2..... | do..... | .72 | .48 | .58 | .27 |
| Grade S-3, streaky No. 3..... | do..... | .65 | .39 | .42 | .25 |
| Grade F, current..... | do..... | .81 | .62 | .75 | .32 |
| Grade G, second..... | do..... | .62 | .38 | .41 | .24 |
| Grade H, brown..... | do..... | .57 | .34 | .37 | .23 |
| Grade I, good fair..... | do..... | .73 | .51 | .60 | .28 |
| Grade J, fair..... | do..... | .60 | .37 | .40 | .23 |
| Grade K, medium..... | do..... | .50 | .33 | .35 | .21 |
| Grade L, coarse..... | do..... | .48 | .33 | .35 | .18 |
| Grade M, coarse brown..... | do..... | .36 | .33 | .31 | .16 |
| Grade O, strings, white..... | do..... | .34 | .26 | .29 | .17 |
| Grade T, tow..... | do..... | .23 | .20 | .26 | .14 |
| Grade DL, Daet coarse..... | do..... | .33 | .28 | .32 | .13 |
| Grade DM, Daet coarse brown..... | do..... | .25 | .31 | .27 | .11 |
| Grade OO, strings, coarse or dark..... | do..... | .28 | .21 | .22 | .15 |
| Grade Y, damaged..... | do..... | .41 | .28 | .30 | .14 |
| Average price—all grades..... | do..... | .69 | .44 | .51 | .26 |
| Maguay: | | | | | |
| Grade 1..... | do..... | .38 | .28 | .29 | .19 |
| Grade 2..... | do..... | .34 | .25 | .26 | .17 |
| Grade 3..... | do..... | .31 | .22 | .24 | .14 |
| Grade D..... | do..... | .26 | .18 | .20 | .11 |
| Average price—all grades..... | do..... | .33 | .23 | .25 | .15 |
| Oils: | | | | | |
| Candlenut..... | do..... | .70 | .67 | .73 | .39 |
| Coconut..... | do..... | .55 | .53 | .60 | .36 |
| Ilang-ilang..... | do..... | 137.81 | 76.56 | 63.94 | 36.64 |
| Shells: | | | | | |
| Black-lip pearl..... | do..... | .35 | .49 | .47 | .79 |
| Golden-lip pearl..... | do..... | .88 | 1.10 | 1.12 | .74 |
| Green snail..... | do..... | .47 | .64 | .76 | .37 |
| Tortoise..... | do..... | 4.90 | 12.00 | 19.79 | 19.11 |
| Trocha..... | do..... | .58 | .68 | .85 | .41 |
| Sugar: | | | | | |
| Raw (brown)..... | do..... | .10 | .21 | .49 | .11 |
| Centrifugal (refined included)..... | do..... | .18 | .28 | .69 | .23 |
| Tobacco: | | | | | |
| Leaf tobacco..... | do..... | .43 | .58 | .68 | .43 |
| Cigarettes..... | Thousand..... | 2.03 | 2.52 | 2.72 | 2.88 |
| Cigars..... | One..... | .04 | .05 | .06 | .04 |
| Wood: | | | | | |
| Almon..... | Cu. meter..... | 21.08 | 41.23 | 55.92 | 53.94 |
| Apitong..... | do..... | 41.33 | 59.51 | 39.18 | 38.97 |
| Lauan..... | do..... | 29.18 | 42.51 | 45.26 | 56.71 |
| Tanguili..... | do..... | 70.40 | 68.75 | 80.70 | 83.17 |

* The figures are subject to correction in a later issue.

TABLE NO. 32.—Average retail prices of foodstuffs in the markets of the city of Manila, 1918–1921

| Articles. | Unit. | 1918 | 1919 | 1920 | 1921 |
|-------------------------------------|--------------|-------|-------|-------|-------|
| Cereals and grains— | | | | | |
| Coffee..... | Liter..... | P0.56 | P0.75 | P1.04 | P0.84 |
| Corn (in ears)..... | Hundred..... | 1.32 | 2.67 | 3.31 | 1.89 |
| Corn (in grains)..... | Ganta..... | .33 | .35 | .33 | .25 |
| Mongos..... | Liter..... | .12 | .18 | .19 | .17 |
| Rice..... | Ganta..... | .41 | .60 | .65 | .37 |
| Fish and other sea products— | | | | | |
| Bacoco..... | One..... | .83 | .87 | .88 | .65 |
| Bañgos..... | do..... | .56 | .68 | .68 | .51 |
| Candole..... | do..... | .30 | .35 | .37 | .32 |
| Cod..... | Kilo..... | .91 | .96 | 1.24 | .76 |
| Crabs..... | One..... | .42 | .25 | .31 | .31 |
| Dalag..... | do..... | .72 | .77 | .97 | .84 |
| Lapo-lapo..... | do..... | 2.12 | 2.23 | 3.15 | 2.63 |
| Sardines..... | Hundred..... | 1.39 | 1.46 | 1.84 | 1.97 |
| Shrimps..... | do..... | 2.53 | 2.19 | 2.86 | 2.77 |
| Fowls— | | | | | |
| Chickens..... | One..... | .51 | .60 | .72 | .63 |
| Gobblers..... | do..... | 4.98 | 5.89 | 7.00 | 6.17 |
| Hens..... | do..... | 1.23 | 1.54 | 1.60 | 1.48 |
| Hen turkeys..... | do..... | 2.82 | 2.79 | 5.22 | 5.33 |
| Roosters..... | do..... | 1.04 | 1.35 | 1.49 | 1.36 |
| Fruits— | | | | | |
| Bananas— | | | | | |
| Buñgulan..... | Hundred..... | 2.08 | 2.19 | 3.11 | 2.99 |
| Lacatan..... | do..... | 1.82 | 2.37 | 3.51 | 3.50 |
| Latundan..... | do..... | 1.33 | 1.40 | 1.74 | 1.62 |
| Plantains..... | do..... | 1.15 | 1.21 | 1.61 | 1.66 |
| Cajel..... | One..... | .06 | .07 | .10 | .12 |
| Chicos..... | Hundred..... | 1.60 | 1.68 | 2.21 | 2.48 |
| Chinese oranges..... | One..... | .40 | .30 | .37 | .29 |
| Coconuts..... | One..... | .07 | .08 | .12 | .08 |
| Guava..... | Hundred..... | .66 | .69 | .79 | .62 |
| Lemons..... | do..... | 1.71 | 3.04 | 4.02 | 2.82 |
| Mangos (ripe)..... | One..... | .21 | .14 | .16 | .19 |
| Native oranges..... | do..... | .21 | .10 | .15 | .16 |
| Papayas (ripe)..... | do..... | .25 | .18 | .24 | .28 |
| Meat— | | | | | |
| Bacon..... | Kilo..... | .98 | .78 | 1.56 | 1.26 |
| Beef, fresh..... | do..... | 1.18 | 1.35 | 1.50 | 1.37 |
| Beef, frozen..... | do..... | 1.03 | 1.19 | 1.28 | 1.09 |
| Chinese ham..... | do..... | 1.47 | 1.99 | 2.57 | 1.93 |
| Pork..... | do..... | 1.04 | 1.15 | 1.36 | 1.21 |
| Vegetables— | | | | | |
| Amargoso..... | One..... | .07 | .06 | .09 | .09 |
| Beans, French..... | Liter..... | .25 | .42 | .47 | .33 |
| Beans, native..... | Atado..... | .10 | .06 | .07 | .10 |
| Cabbages..... | One..... | .41 | .43 | ..... | .68 |
| Eggplants..... | Hundred..... | 1.97 | 2.14 | 2.20 | 2.28 |
| Onions, Bombay..... | Kilo..... | .27 | .31 | .38 | .33 |
| Peas..... | Liter..... | .22 | .20 | .50 | .39 |
| Peppers, red..... | Hundred..... | 2.24 | 1.91 | 1.76 | 1.10 |
| Potatoes..... | Kilo..... | .22 | .19 | .25 | .20 |
| Red squash..... | One..... | .31 | .30 | .32 | .31 |
| Sweet potatoes..... | Sack..... | 1.17 | 1.87 | 2.32 | 1.74 |
| Tomatoes..... | Hundred..... | 1.49 | 2.16 | 2.14 | 1.78 |
| White squash..... | One..... | .27 | .34 | .31 | .33 |
| Miscellaneous foodstuffs— | | | | | |
| Condensed milk..... | Can..... | .50 | .52 | .54 | .51 |
| Eggs— | | | | | |
| Chinese..... | Hundred..... | 3.67 | 5.16 | 6.19 | 4.90 |
| Duck..... | do..... | 4.67 | 6.42 | 7.51 | 6.02 |
| Native..... | do..... | 5.33 | 6.58 | 8.15 | 6.86 |
| Flour..... | Liter..... | .15 | .14 | .14 | .10 |
| Mique..... | Kilo..... | .25 | .29 | .32 | .28 |
| Sugar— | | | | | |
| Brown..... | do..... | .23 | .42 | .74 | .37 |
| Refined..... | do..... | .35 | .35 | .82 | .43 |
| Vinegar..... | Liter..... | .03 | .04 | .05 | .03 |
| White salt..... | do..... | .06 | .04 | .04 | .03 |

TABLE No. 33.—Summary of commercial and industrial organizations registered, 1920-1921

| Year. | Commerce. | | Extractive industries. | | General manufactures. | | Miscellaneous. | | Total. | |
|------------------------------------|-----------|---------------|------------------------|-------------|-----------------------|-------------|----------------|-----------|---------|---------------|
| | Number. | Capital. | Number. | Capital. | Number. | Capital. | Number. | Capital. | Number. | Capital. |
| DOMESTIC CORPORATIONS. | | | | | | | | | | |
| 1920 | | | | | | | | | | |
| Stock..... | { | ₱36,488,001 | { | ₱5,287,200 | { | ₱34,061,000 | { | ₱369,600 | { | ₱76,205,801 |
| Subscribed..... | { | 17,716,689 | { | 1,931,031 | { | 10,824,470 | { | 195,400 | { | 80,667,640 |
| Paid..... | { | 11,678,386 | { | 977,535 | { | 5,618,012 | { | 130,145 | { | 18,404,078 |
| 1921 | | | | | | | | | | |
| Stock..... | { | 9,419,950 | { | 1,937,000 | { | 6,163,500 | { | 1,096,000 | { | 18,616,450 |
| Subscribed..... | { | 3,826,665 | { | 737,033 | { | 2,821,683 | { | 572,235 | { | 7,957,616 |
| Paid..... | { | 3,014,425 | { | 577,781 | { | 2,128,739 | { | 427,183 | { | 6,148,123 |
| PARTNERSHIPS. ^a | | | | | | | | | | |
| 1920..... | 277 | 11,412,818 | 8 | 296,000 | 31 | 871,900 | 2 | 4,000 | 318 | 12,584,718 |
| 1921..... | 156 | 12,231,554 | 2 | 44,500 | 32 | 1,154,502 | 2 | 4,500 | 192 | 13,435,156 |
| FOREIGN CORPORATIONS. ^b | | | | | | | | | | |
| 1920 | | | | | | | | | | |
| United States: | | | | | | | | | | |
| Stock..... | { | \$27,720,000 | { | \$500,000 | { | \$3,000,000 | { | ..... | { | \$31,220,000 |
| Subscribed..... | { | 27,430,000 | { | 1,400 | { | 3,000,000 | { | ..... | { | 30,431,400 |
| Japan: | | | | | | | | | | |
| Stock..... | { | Y8,000,000 | { | ..... | { | ..... | { | ..... | { | Y8,000,000 |
| Subscribed..... | { | 2,750,000 | { | ..... | { | ..... | { | ..... | { | 2,750,000 |
| Great Britain: | | | | | | | | | | |
| Stock..... | { | ..... | { | £2,000,000 | { | ..... | { | ..... | { | £2,000,000 |
| Subscribed..... | { | ..... | { | 1,700,000 | { | ..... | { | ..... | { | 1,700,000 |
| China: | | | | | | | | | | |
| Stock..... | { | ..... | { | T11,000,000 | { | ..... | { | ..... | { | T11,000,000 |
| Subscribed..... | { | ..... | { | 1,000,000 | { | ..... | { | ..... | { | 1,000,000 |
| China: | | | | | | | | | | |
| Stock..... | { | Y\$10,000,000 | { | ..... | { | ..... | { | ..... | { | Y\$10,000,000 |
| Subscribed..... | { | 5,000,000 | { | ..... | { | ..... | { | ..... | { | 5,000,000 |
| 1921 | | | | | | | | | | |
| United States: | | | | | | | | | | |
| Stock..... | { | \$31,500,000 | { | \$100,000 | { | \$7,023,100 | { | ..... | { | \$38,623,100 |
| Subscribed..... | { | 21,550,000 | { | 100,000 | { | 8,088,400 | { | ..... | { | 29,738,400 |
| Straits Settlements: | | | | | | | | | | |
| Stock..... | { | \$10,000,000 | { | ..... | { | ..... | { | ..... | { | \$10,000,000 |
| Subscribed..... | { | 4,425,000 | { | ..... | { | ..... | { | ..... | { | 4,425,000 |

^a Registered in Manila only. ^b Capitalized in their home countries. Capital subscribed of foreign corporations are wholly paid up. Amounts given are those originally authorized in countries wherein they registered. All of these corporations maintain only agencies or branches in the Islands, the operating capital of which is not known.

TABLE No. 34.—*Total receipts, expenditures and accumulated surplus of the Philippine Islands, 1920-1921*

[Source: Bureau of Audits]

| Year. | Surplus at the beginning of the year. | Receipts. | Expenditures. | Accumulated surplus at the end of year. | Annual surplus (+) or deficit (—) |
|------------------------------------|---------------------------------------|-------------|---------------|---|-----------------------------------|
| INSULAR GOVERNMENT. | | | | | |
| 1920..... | P28,543,078 | P99,404,913 | P84,010,279 | P43,937,712 | + P15,394,634 |
| 1921..... | 43,937,712 | 121,698,692 | 128,675,838 | 36,960,566 | — 6,977,146 |
| CITY OF MANILA.^a | | | | | |
| 1920..... | (2,162,519) | 6,750,983 | 8,385,248 | (3,796,785) | — 1,634,265 |
| 1921..... | (3,796,785) | b12,599,745 | 11,748,905 | (2,945,945) | + 850,840 |

^a Figures in parenthesis are overdrafts. ^b Includes P5,500,000, proceeds of bonds issued.TABLE No. 35.—*Bonded indebtedness of the Philippine Islands*

[Source: Insular Treasury]

| Title. | Amount. | Date of bonds. | Rate of interest. |
|--|-------------------|----------------------|-------------------|
| INSULAR GOVERNMENT. | | | |
| Friar lands gold bonds, due February 1, 1934..... | P14,000,000 | February 4, 1904.... | 4 |
| Public works gold bonds: | | | |
| First series, due March 1, 1935..... | 5,000,000 | March 1, 1905..... | 4 |
| Second series, due February 1, 1936..... | 2,000,000 | February 1, 1906.... | 4 |
| Third series, due August 31, 1939..... | 3,000,000 | August 1, 1909..... | 4 |
| Manila Railroad purchase gold bonds, due December 1, 1946..... | 8,000,000 | December 1, 1916... | 4 |
| Manila port works and improvement bonds, due September 1, 1950 | 12,000,000 | September 1, 1920... | 5½ |
| Irrigation and public works bonds, due August 1, 1941.. | 20,000,000 | August 1, 1921..... | 5½ |
| Total bonded indebtedness..... | 64,000,000 | | |
| MUNICIPAL GOVERNMENTS. | | | |
| Manila sewer and waterworks gold bonds: | | | |
| First series, due June 1, 1935..... | 2,000,000 | June 1, 1905..... | 4 |
| Second series, due January 2, 1937..... | 4,000,000 | January 2, 1907..... | 4 |
| Third series, due January 2, 1938..... | 2,000,000 | January 2, 1908..... | 4 |
| Cebu waterworks gold bonds, due January 1, 1941..... | 250,000 | January 1, 1911..... | 4 |
| Santa Cruz, Laguna, sewer waterworks bonds, due January 1, 1949..... | 90,000 | January 1, 1919 | 5 |
| Majayjay, Laguna, sewer waterworks bonds, due January 1, 1949..... | 40,000 | January 1, 1919..... | 5 |
| Benguet, Abra, public works bond, due January 1, 1949..... | 40,000 | January 1, 1919..... | 5 |
| City of Manila 1920 issue gold bonds, due December 1, 1950..... | 5,500,000 | December 1, 1920.... | 5½ |
| Total bonded indebtedness..... | 13,920,000 | | |

TABLE No. 36.—*Reserve fund for the redemption of bonded indebtedness of the Insular Government, 1920-1921*

[Source: Insular Treasury]

| Year. | Bonded indebtedness. | Sinking fund reserve at end of year. | | | | Balance of bonded debt not provided for at end of year. |
|-----------|----------------------|--------------------------------------|---------------------|------------------------|------------|---|
| | | Friar lands bonds. | Public works bonds. | Manila Railroad bonds. | Total. | |
| 1920..... | P44,000,000 | P5,869,782 | P3,405,122 | P655,097 | P9,930,002 | P34,069,998 |
| 1921..... | 64,000,000 | 6,355,124 | 3,722,930 | 833,449 | 10,911,503 | 53,088,497 |

TABLE No. 37.—*Revenue from taxation, 1917-1921*

[Source: Bureau of Audits]

| Year. | Insular. | City of Manila. | Provincial. | Municipal. | Total. | Per capita tax. |
|-----------|-------------|-----------------|-------------|------------|-------------|-----------------|
| 1917..... | P35,448,412 | P2,213,319 | P7,521,055 | P7,534,541 | P52,717,327 | P5.24 |
| 1918..... | 44,559,230 | 2,196,016 | 7,572,467 | 8,165,042 | 62,492,755 | 6.04 |
| 1919..... | 45,229,969 | 2,419,158 | 7,340,671 | 7,910,605 | 62,900,403 | 5.95 |
| 1920..... | 53,144,507 | 3,157,711 | 7,742,473 | 8,889,190 | 72,933,881 | 6.77 |
| 1921..... | 45,445,451 | ..... | ..... | ..... | ..... | ..... |

TABLE No. 38.—*Sources of internal revenue taxes collected, 1920-1921*

[Source: Bureau of Internal Revenue]

| Sources. | 1920 | 1921 ^a |
|---|-------------------|-------------------|
| Banks and bankers..... | P1,958,159 | P1,767,870 |
| Cedulas..... | 5,100,895 | 4,609,590 |
| Cinematographic films (domestic and imported)..... | 29,720 | 49,207 |
| Coal and coke (domestic)..... | 22,070 | 15,341 |
| Coal and coke (imported)..... | 176,270 | 149,293 |
| Contractors, warehousemen, and others..... | 428,603 | 462,103 |
| Documentary stamp taxes..... | 637,222 | 497,615 |
| Forest products..... | 1,009,879 | 1,013,151 |
| Franchise taxes..... | 426,374 | 431,758 |
| Income taxes..... | 4,252,633 | 4,964,794 |
| Inheritance taxes..... | 188,851 | 211,573 |
| Justice of the peace fines and fees..... | 501,636 | 412,134 |
| Kerosene or petroleum (imported)..... | 711,938 | 631,661 |
| Lubricating oils (imported)..... | 126,667 | 269,107 |
| Manufacture and sale of distilled spirits, wines, etc..... | 5,134,856 | 4,174,074 |
| Manufacture and sale of fermented liquors..... | 835,315 | 737,026 |
| Manufacture and sale of tobacco and matches..... | 7,768,541 | 7,495,843 |
| Mines..... | 25,998 | 22,657 |
| Mining fees..... | 383 | 1,923 |
| Miscellaneous stamp collections..... | 2,451 | 877 |
| Naphtha, gasoline, etc. (imported)..... | 878,266 | 780,791 |
| Occupations, trades, and professions..... | 1,357,639 | 1,259,017 |
| Pearl fisheries..... | 5,605 | 3,690 |
| Percentage taxes on sales by merchants, etc..... | 16,657,416 | 10,352,774 |
| Percentage taxes on gross receipts by common carriers..... | 156,057 | 154,374 |
| Playing cards (domestic and imported)..... | 167,023 | 170,649 |
| Premium on insurance..... | 99,186 | 115,407 |
| Printers, publishers, and lithographers..... | 33,238 | 29,264 |
| Registered dealers in prohibited drugs..... | 17,316 | 14,991 |
| Rental and royalties on petroleum lands..... | ..... | 2,400 |
| Skimmed milk (imported)..... | 299 | 137 |
| Sponge fisheries..... | 249 | 17 |
| Tobacco inspection fees..... | 212,559 | 117,954 |
| United States internal revenue collected in the Philippine Islands..... | 3,175,241 | 608,998 |
| United States internal revenue collected in the United States..... | 1,828 | 147,446 |
| Weights and measures..... | 178,794 | 157,660 |
| City of Manila taxes and revenue..... | b 7,092,082 | c 6,246,946 |
| Total..... | 59,371,259 | 48,080,112 |

^a Preliminary figures only.^b Includes sales of government rice accruing to the Insular Government.^c Collection for the first three months only.

TABLE NO. 39.—*Philippine currency in circulation, 1920-1921*

[Source: Insular Treasury]

| Month and year. | Amount in circulation. | Increase (+) or decrease (—) | Per capita circulation. |
|-----------------|------------------------|---------------------------------|-------------------------|
| 1920 | | | |
| January..... | P146,954,518 | + P377,562 | P13.63 |
| February..... | 152,518,162 | + 5,563,644 | 14.15 |
| March..... | 158,883,738 | + 6,365,576 | 14.74 |
| April..... | 160,306,333 | + 1,422,595 | 14.87 |
| May..... | 163,428,638 | + 3,122,305 | 15.16 |
| June..... | 162,459,596 | — 969,042 | 15.07 |
| July..... | 152,563,033 | — 9,896,563 | 14.15 |
| August..... | 145,913,990 | — 6,649,043 | 13.54 |
| September..... | 140,454,614 | — 5,459,376 | 13.03 |
| October..... | 136,458,872 | — 3,995,742 | 12.66 |
| November..... | 129,406,863 | — 7,052,019 | 12.01 |
| December..... | 124,589,240 | — 4,817,613 | 11.56 |
| 1921 | | | |
| January..... | 126,009,781 | + 1,420,541 | 11.88 |
| February..... | 115,969,101 | —10,040,680 | 10.93 |
| March..... | 119,217,814 | + 3,248,713 | 11.24 |
| April..... | 116,116,355 | — 3,101,459 | 10.93 |
| May..... | 115,909,045 | — 207,310 | 10.93 |
| June..... | 113,363,497 | — 2,545,548 | 10.69 |
| July..... | 111,547,941 | — 1,815,556 | 10.62 |
| August..... | 107,853,057 | — 3,694,884 | 10.17 |
| September..... | 105,808,208 | — 2,044,849 | 9.98 |
| October..... | 103,940,952 | — 1,867,256 | 9.80 |
| November..... | 102,792,488 | — 1,148,464 | 9.69 |
| December..... | 103,661,820 | + 869,332 | 9.77 |

TABLE NO. 40.—*Resources and liabilities of all commercial banks, 1920-1921*

[Source: Insular Treasury]

| Items. | 1920 | 1921 |
|---|--------------------|--------------------|
| RESOURCES. | | |
| Loans and discounts..... | P116,023,841 | P131,507,519 |
| Overdrafts..... | 103,547,009 | 70,753,659 |
| Stocks, securities, etc..... | 15,961,456 | 10,407,808 |
| Real estate, furniture, and fixtures..... | 1,678,404 | 1,915,883 |
| Other real estate owned..... | 63,000 | 650,371 |
| Due from head office and branches..... | 77,891,234 | 67,650,248 |
| Due from other banks..... | 8,190,616 | 2,862,073 |
| Due from agents and correspondents..... | 9,626,100 | 6,407,068 |
| Bills of exchange..... | 42,506,966 | 19,497,053 |
| Cash on hand..... | 12,219,668 | 15,915,519 |
| Checks and other cash items..... | 1,606,297 | 1,011,653 |
| Profit and loss account..... | 4,146,118 | 7,877,758 |
| Resources other than those above..... | 37,905,838 | 44,046,038 |
| Suspense accounts..... | 38,530 | ..... |
| Total..... | 431,405,077 | 380,502,650 |
| LIABILITIES. | | |
| Capital stock..... | 23,093,290 | 49,393,814 |
| Reserve fund..... | 12,151,753 | 12,007,373 |
| Bank notes in circulation..... | 33,368,942 | 42,237,752 |
| Due to head office and branches..... | 102,758,668 | 90,812,907 |
| Undivided profits..... | 5,334,933 | 477,326 |
| Due to other banks..... | 4,630,628 | 2,291,346 |
| Due to agents and correspondents..... | 10,602,445 | 4,916,581 |
| Dividends due and unpaid..... | 1,444,989 | 103,160 |
| Demand deposits..... | 100,912,437 | 428,873 |
| Time deposits..... | 31,751,093 | 26,151,621 |
| Savings deposits..... | 16,716,021 | 16,359,041 |
| Current accounts..... | 48,606,033 | 46,582,381 |
| Profit and loss account..... | 6,334,254 | 7,613,171 |
| Suspense accounts..... | 93,613 | ..... |
| Liabilities other than those above..... | 38,605,978 | 26,451,640 |
| Government funds..... | ..... | 54,675,662 |
| Total..... | 431,405,077 | 380,502,660 |

TABLE No. 41.—*Risk of insurance companies, 1920-1921*
[Source: Insular Treasury]

| Year. | Life. | Fire. | Marine. | Accident. | Fidelity and surety. | Typhoon and earthquake. | Miscellaneous. | Total. |
|------------|-------------|--------------|--------------|------------|----------------------|-------------------------|----------------|--------------|
| 1920 | ₱36,104,271 | ₱395,982,648 | ₱447,143,667 | ₱1,290,500 | ₱21,839,465 | ₱5,967,000 | ₱3,512,223 | ₱911,839,774 |
| 1921 | (*) | 317,294,167 | 233,052,220 | 1,088,700 | 16,550,895 | 5,584,150 | 2,008,176 | 575,578,308 |

* Data not yet available.

TABLE No. 42.—*Summary of the transactions of the Postal Savings Bank, 1920-1921*
[Source: Bureau of Posts]

| Year. | Number of postal savings banks. | | | Deposits. | | Withdrawals. | | Balance. | |
|------------|---------------------------------|---------------|--------------|----------------------------|--------|--------------|----------|------------|-----------|
| | First class. | Second class. | Third class. | Number of accounts opened. | Total. | Number. | Average. | Amount. | Average. |
| | | | | | | | | | |
| 1920 | 392 | 70 | ..... | 107,229 | 462 | 153,129 | ₱54.47 | ₱8,340,115 | ₱85.75 |
| 1921 | 419 | 223 | | 130,810 | 642 | 152,666 | 39.55 | 6,037,451 | 70.08 |
| | | | | | | 90,615 | | ₱7,770,531 | ₱62.06 |
| | | | | | | 95,706 | | 6,707,020 | 50.87 |
| | | | | | | | | ₱6,654,435 | 6,108,453 |

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TABLE No. 43.—*Money orders issued or paid in Philippine post offices, 1920-1921*
[Source: Bureau of Posts]

| Year. | Number of money order offices. | Orders issued payable in the Philippine Islands. | | | Orders issued payable in the United States and possessions. | | | Orders of the United States and other countries paid in the Philippine Islands. | | | Philippine Islands orders paid in the United States and other countries. |
|----------------|--------------------------------|--|-------------|----------|---|------------|---------|---|------------|------------|--|
| | | Amount. | | Fees. | Amount. | | Fees. | Amount. | | Fees. | |
| | | Number. | | | Number. | | | Number. | | | |
| 1920 | 391 | 487,211 | ₱32,652,289 | ₱168,575 | 38,789 | ₱1,482,954 | ₱78,148 | 27,734 | ₱2,569,783 | ₱1,358,054 | |
| 1921 | 421 | 508,074 | 30,917,991 | 161,400 | 65,248 | 2,673,450 | 138,673 | 22,971 | 2,024,582 | 2,569,511 | |

TABLE NO. 44.—*Operation of the rural agricultural associations, by provinces, as of December 31, 1920*

[Source: Bureau of Agriculture]

| Provinces. | Number of associations. | Total number of members. | Paid in capital stock. | Total resources including loans, interest, and deposits. | Loans to members. |
|-------------------------|-------------------------|--------------------------|------------------------|--|-------------------|
| Abra | 11 | 754 | P6,570 | P15,413 | P14,990 |
| Agusan | 3 | 222 | 3,670 | 4,518 | 3,185 |
| Albay | 14 | 1,567 | 13,764 | 55,075 | 52,093 |
| Antique | 12 | 2,429 | 35,062 | 92,675 | 83,045 |
| Bataan | 8 | 1,276 | 22,940 | 61,547 | 60,246 |
| Batangas | 15 | 1,372 | 24,359 | 81,190 | 74,787 |
| Bohol | 33 | 5,074 | 38,357 | 94,384 | 84,454 |
| Bulacan | 21 | 1,723 | 27,856 | 69,913 | 65,351 |
| Cagayan | 13 | 1,223 | 13,878 | 43,683 | 38,242 |
| Camarines Norte | 3 | 192 | 3,642 | 4,164 | 3,610 |
| Camarines Sur | 20 | 2,068 | 26,287 | 105,049 | 100,705 |
| Capiz | 24 | 1,686 | 32,226 | 119,435 | 115,556 |
| Cavite | 16 | 1,240 | 2,162 | 84,305 | 82,626 |
| Cebu | 14 | 1,089 | 18,933 | 66,859 | 62,060 |
| Cotabato | 1 | 80 | 2,256 | 2,606 | 2,530 |
| Davao | 5 | 407 | 6,735 | 7,523 | 4,480 |
| Ilocos Norte | 15 | 3,982 | 17,982 | 57,049 | 48,762 |
| Ilocos Sur | 20 | 2,585 | 17,808 | 43,414 | 40,632 |
| Iloilo | 26 | 4,242 | 56,313 | 175,397 | 169,585 |
| Isabela | 6 | 661 | 6,634 | 10,526 | 9,603 |
| Laguna | 19 | 1,700 | 2,428 | 60,865 | 58,171 |
| Lanao | 1 | 119 | 1,944 | 2,612 | 2,475 |
| La Union | 14 | 2,263 | 19,100 | 61,877 | 57,735 |
| Leyte | 9 | 693 | 5,891 | 19,023 | 17,742 |
| Misamis | 14 | 1,917 | 23,215 | 35,004 | 30,718 |
| Nueva Ecija | 19 | 2,972 | 29,224 | 126,481 | 123,175 |
| Nueva Vizcaya | 6 | 439 | 4,796 | 6,055 | 4,770 |
| Occidental Negros | 3 | 277 | 10,089 | 23,253 | 22,735 |
| Oriental Negros | 3 | 121 | 1,430 | 1,649 | 915 |
| Palawan | 2 | 148 | 3,434 | 6,435 | 5,830 |
| Pampanga | 20 | 1,560 | 50,176 | 128,951 | 123,548 |
| Pangasinan | 41 | 8,399 | 55,819 | 173,179 | 166,781 |
| Rizal | 15 | 1,733 | 22,321 | 55,530 | 53,865 |
| Romblon | 6 | 407 | 4,670 | 8,482 | 2,395 |
| Samar | 13 | 1,304 | 13,015 | 47,632 | 43,739 |
| Sorsogon | 11 | 685 | 9,013 | 23,527 | 21,042 |
| Surigao | 5 | 299 | 4,447 | 14,836 | 13,590 |
| Tarlac | 15 | 2,044 | 35,137 | 76,993 | 73,428 |
| Tayabas | 18 | 1,547 | 32,418 | 47,075 | 43,785 |
| Zambales | 13 | 1,915 | 12,214 | 50,306 | 46,485 |
| Total | 527 | 64,414 | 718,215 | 2,164,440 | 2,029,466 |

TABLE NO. 45.—*Values of merchandise sold by merchants, manufacturers and peddlers, 1917-1921*

[Source: Bureau of Internal Revenue]

| Year. | Peddlers. | Merchants and manufacturers. | Total. |
|------------|-------------|------------------------------|---------------|
| 1917 | P46,057,706 | P882,780,284 | P928,837,990 |
| 1918 | 58,437,605 | 1,268,768,697 | 1,327,206,302 |
| 1919 | 58,296,151 | 1,272,991,569 | 1,331,287,720 |
| 1920 | 73,532,841 | 1,572,930,454 | 1,646,463,295 |
| 1921 | 45,811,280 | 977,085,668 | 1,022,896,948 |

TABLE NO. 46.—*Number and registered tonnage of vessels engaged in foreign and domestic shipping, by ports of entry, 1920 and 1921*

[Source: Bureau of Customs]

| Ports of entry. | 1920 | | | |
|-----------------|--------------------|-------------------------|--------------------|-------------------------|
| | Entered. | | Cleared. | |
| | Number of vessels. | Registered net tonnage. | Number of vessels. | Registered net tonnage. |
| | FOREIGN. | | | |
| Manila..... | 820 | 2,491,340 | 790 | 2,349,242 |
| Iloilo..... | 59 | 114,646 | 72 | 179,079 |
| Cebu..... | 47 | 89,647 | 64 | 174,940 |
| Jolo..... | 27 | 13,751 | 29 | 14,406 |
| Zamboanga..... | 25 | 46,117 | 27 | 53,338 |
| Balabac..... | 14 | 251 | 13 | 209 |
| Total..... | 992 | 2,755,752 | 995 | 2,771,214 |
| Ports of entry. | DOMESTIC. | | | |
| | Number of vessels. | Registered net tonnage. | Number of vessels. | Registered net tonnage. |
| | FOREIGN. | | | |
| | DOMESTIC. | | | |
| Manila..... | 3,266 | 845,227 | 3,452 | 975,448 |
| Iloilo..... | 6,830 | 687,828 | 6,818 | 625,746 |
| Cebu..... | 4,947 | 560,925 | 5,029 | 464,791 |
| Jolo..... | 140 | 34,238 | 139 | 33,836 |
| Zamboanga..... | 1,520 | 231,060 | 1,533 | 224,499 |
| Balabac..... | 35 | 2,427 | 40 | 2,529 |
| Total..... | 16,738 | 2,361,705 | 17,011 | 2,326,849 |

| Ports of entry. | 1921 | | | |
|-----------------|--------------------|-------------------------|--------------------|-------------------------|
| | Entered. | | Cleared. | |
| | Number of vessels. | Registered net tonnage. | Number of vessels. | Registered net tonnage. |
| | FOREIGN. | | | |
| Manila..... | 710 | 2,306,338 | 676 | 2,156,938 |
| Iloilo..... | 59 | 147,208 | 84 | 237,746 |
| Cebu..... | 44 | 107,683 | 77 | 269,418 |
| Jolo..... | 28 | 15,882 | 25 | 14,571 |
| Zamboanga..... | 20 | 69,193 | 14 | 46,635 |
| Balabac..... | 10 | 151 | 11 | 161 |
| Total..... | 871 | 2,646,455 | 887 | 2,725,469 |
| Ports of entry. | DOMESTIC. | | | |
| | Number of vessels. | Registered net tonnage. | Number of vessels. | Registered net tonnage. |
| | FOREIGN. | | | |
| | DOMESTIC. | | | |
| Manila..... | 3,210 | 888,238 | 3,410 | 1,090,668 |
| Iloilo..... | 6,699 | 755,521 | 6,708 | 667,506 |
| Cebu..... | 5,157 | 634,904 | 5,170 | 465,355 |
| Jolo..... | 119 | 39,928 | 117 | 39,657 |
| Zamboanga..... | 1,515 | 219,732 | 1,520 | 242,201 |
| Balabac..... | 34 | 2,965 | 33 | 2,920 |
| Total..... | 16,734 | 2,541,288 | 16,958 | 2,508,307 |

TABLE NO. 47.—*Vessels licensed for the coastwise trade in operation, 1917-1921*

[Source: Bureau of Customs]

| Year. | Steam. | | Sailing. | | Lighterage and harbor crafts. | | Total. | |
|-------------------------|---------|--------------|----------|--------------|-------------------------------|--------------|---------|--------------|
| | Number. | Net tonnage. | Number. | Net tonnage. | Number. | Net tonnage. | Number. | Net tonnage. |
| 1917..... | 211 | 28,871 | 1,123 | 37,003 | 2,630 | 37,120 | 3,964 | 102,994 |
| 1918 ^a | 151 | 28,465 | 711 | 27,570 | 1,580 | 35,672 | 2,442 | 91,707 |
| 1919..... | 168 | 29,891 | 686 | 22,834 | 1,668 | 38,540 | 2,522 | 91,265 |
| 1920..... | 164 | 29,375 | 765 | 26,928 | 2,115 | 43,073 | 3,044 | 99,376 |
| 1921..... | 162 | 25,651 | 763 | 26,657 | 1,976 | 40,220 | 2,901 | 92,528 |

^a Decrease is due to a great number of vessels wrecked or lost at sea during the year.

TABLE NO. 51.—*Registration of automobiles and motor trucks, by provinces, for 1921*

[Source: Bureau of Public Works]

| Provinces and cities. | Automobiles. | | Motor trucks. | | |
|------------------------|--------------|---------------------|---------------|------------|----------|
| | Number. | Passenger capacity. | Number. | Passenger. | Tonnage. |
| Abra..... | 21 | 143 | 4 | 30 | 1 |
| Agusan..... | 3 | 21 | 2 | 4 | 2 |
| Albay..... | 104 | 506 | 66 | 1,829 | 103 |
| Antique..... | 23 | 137 | 6 | 23 | 6 |
| Bataan..... | 10 | 53 | 7 | 84 | 6 |
| Batangas..... | 87 | 482 | 30 | 532 | 17 |
| Bohol..... | 94 | 643 | 15 | 101 | 4 |
| Bukidnon..... | 8 | 38 | 2 | 4 | 2 |
| Bulacan..... | 211 | 1,227 | 74 | 1,099 | 75 |
| Cagayan..... | 32 | 180 | 10 | 96 | 4 |
| Camarines Norte..... | 19 | 97 | 8 | 127 | 10 |
| Camarines Sur..... | 60 | 314 | 15 | 17 | 16 |
| Capiz..... | 85 | 450 | 39 | 380 | 38 |
| Cavite..... | 172 | 960 | 81 | 761 | 231 |
| Cebu..... | 379 | 2,314 | 73 | 483 | 69 |
| Cotabato..... | | | 1 | 2 | |
| Davao..... | 72 | 423 | 10 | 14 | 15 |
| Ilocos Norte..... | 143 | 1,087 | 29 | 526 | 20 |
| Ilocos Sur..... | 102 | 741 | 63 | 925 | 37 |
| Iloilo..... | 480 | 2,783 | 123 | 977 | 120 |
| Isabela..... | 21 | 131 | 32 | 302 | 39 |
| Laguna..... | 162 | 901 | 103 | 903 | 154 |
| Lanao..... | 6 | 31 | 33 | 371 | 36 |
| La Union..... | 42 | 261 | 25 | 440 | 20 |
| Leyte..... | 28 | 149 | 82 | 1,252 | 159 |
| Marinduque..... | 2 | 10 | 5 | 86 | 8 |
| Masbate..... | | | 1 | | 3 |
| Mindoro..... | 2 | 10 | 2 | 3 | 2 |
| Misamis..... | 104 | 669 | 61 | 204 | 63 |
| Mountain..... | 2 | 13 | | | |
| Nueva Ecija..... | 208 | 1,208 | 63 | 611 | 85 |
| Nueva Vizcaya..... | 2 | 10 | 1 | 2 | 1 |
| Occidental Negros..... | 745 | 4,549 | 121 | 443 | 204 |
| Oriental Negros..... | 102 | 613 | 49 | 910 | 53 |
| Pampanga..... | 302 | 1,586 | 57 | 568 | 94 |
| Pangasinan..... | 274 | 1,744 | 82 | 962 | 102 |
| Rizal..... | 436 | 2,421 | 115 | 1,443 | 123 |
| Samar..... | 8 | 46 | 40 | 510 | 24 |
| Sorsogon..... | 31 | 186 | 14 | 194 | 19 |
| Sulu..... | 13 | 57 | 17 | 290 | 16 |
| Surigao..... | 12 | 69 | 5 | 30 | 2 |
| Tarlac..... | 42 | 237 | 21 | 285 | 28 |
| Tayabas..... | 149 | 906 | 37 | 468 | 58 |
| Zambales..... | 35 | 203 | 23 | 371 | 18 |
| Zamboanga..... | 47 | 225 | 66 | 744 | 62 |
| Baguio, city of..... | 76 | 405 | 60 | 403 | 60 |
| Manila, city of..... | 4,782 | 25,514 | 1,280 | 3,581 | 1,846 |
| Total..... | 9,738 | 54,753 | 3,053 | 23,390 | 4,055 |

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TABLE No. 52.—Average daily, monthly and annual enrolment, and number of schools and teachers, 1920-1921

[Source: Bureau of Education]

| School-year. | Number of schools. | Total annual enrolment. | Average monthly enrolment. | Average daily attendance. | Teachers and supervisors. | | | | |
|----------------|--------------------|-------------------------|----------------------------|---------------------------|---------------------------|---------|------------|---------|--------|
| | | | | | Americans. | | Filipinos. | | Total. |
| | | | | | Male. | Female. | Male. | Female. | |
| 1919-1920..... | 5,944 | 791,626 | 678,956 | 618,392 | 151 | 190 | 10,930 | 6,302 | 17,573 |
| 1920-1921..... | 6,904 | 943,364 | 836,281 | 774,882 | 115 | 200 | 12,782 | 7,828 | 20,925 |

TABLE No. 53.—Highest monthly enrolment in the public schools, 1920-1921

[Source: Bureau of Education]

| School-year. | Intermediate. | | | | Primary. | | | |
|--------------|--------------------|---------|---------|---------|--------------------|---------|---------|---------|
| | Number of schools. | Pupils. | | | Number of schools. | Pupils. | | |
| | | Male. | Female. | Total. | | Male. | Female. | Total. |
| | | | | | | | | |
| | | | | | | | | |
| 1919-1920. | 614 | 57,836 | 28,881 | 86,717 | 5,280 | 372,225 | 267,481 | 639,706 |
| 1920-1921. | 738 | 80,699 | 45,355 | 126,054 | 6,101 | 494,122 | 367,144 | 861,266 |
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TABLE No. 54.—Total enrolment in, and degrees conferred by, the University of the Philippines, 1920-1922
[Sources: University of the Philippines]

| College or school. | Enrolment. | | Degree. | Graduates. | |
|---|------------|---------|--|------------|---------|
| | 1920-21 | 1921-22 | | 1919-20 | 1920-21 |
| College of: | | | | | |
| Agriculture..... | 519 | 608 | Bachelor of: | 218 | 3 |
| Education..... | 313 | 363 | Arts..... | 31 | 31 |
| Engineering..... | 195 | 295 | Agriculture..... | 19 | 17 |
| Junior College of Liberal Arts..... | 76 | 105 | Law..... | 3 | 3 |
| Liberal Arts..... | 620 | 662 | Philosophy..... | 43 | 2 |
| Law..... | 197 | 183 | Science..... | | |
| Medicine and Surgery..... | 141 | 129 | Bachelor of Science in: | | |
| Veterinary Science..... | 80 | 69 | Agriculture..... | | 9 |
| School of— | | | Chemistry..... | | 2 |
| Dentistry..... | 19 | 23 | Civil Engineering..... | | 15 |
| Graduate School of Tropical Medicine and Public Health..... | | | Commerce..... | | 15 |
| Pharmacy..... | 175 | 184 | Education..... | | 30 |
| | | | Library Science..... | | 3 |
| | | | Mechanical Engineering..... | | 5 |
| Total..... | 2,335 | 2,621 | Doctor of: | | |
| | | | Dental Surgery..... | 6 | 3 |
| | | | Medicine..... | 28 | 23 |
| Conservatory of Music..... | 357 | 295 | Veterinary Medicine..... | 2 | 8 |
| Fine Arts..... | 417 | 389 | High School Teacher's Certificate..... | 62 | 61 |
| Forestry..... | 43 | 34 | Master of: | | |
| Nursing..... | 273 | 294 | Arts..... | 3 | |
| University High..... | 453 | 430 | Science..... | 5 | 1 |
| | | | Master of Science in: | | |
| Grand total..... | 3,878 | 4,063 | Agriculture..... | | 2 |
| | | | Civil Engineering..... | | 1 |
| | | | Pharmaceutical Chemist..... | 8 | 24 |
| | | | Total..... | 428 | 258 |

TABLE NO. 55.—Arrivals and departures of passengers, by nationalities, 1920 and 1921

[Source: Bureau of Customs]

| Nationality. | 1920 | | 1921 | |
|------------------------|-----------|------------|-----------|------------|
| | Arrivals. | Departures | Arrivals. | Departures |
| Americans..... | 4,421 | 4,372 | 3,662 | 3,625 |
| Filipinos..... | 5,319 | 6,523 | 5,923 | 9,196 |
| British..... | 794 | 740 | 774 | 733 |
| Chinese..... | 14,875 | 10,536 | 13,989 | 15,954 |
| East Indians..... | 53 | 70 | 74 | 91 |
| Germans..... | 79 | 72 | 92 | 63 |
| Japanese..... | 952 | 1,222 | 874 | 1,137 |
| Portuguese..... | 79 | 84 | 70 | 88 |
| Spanish..... | 563 | 610 | 505 | 567 |
| Dutch and Flemish..... | 81 | 62 | 78 | 56 |
| French..... | 68 | 93 | 52 | 61 |
| Turkish..... | 10 | 8 | 2 | 1 |
| Italians..... | 24 | 16 | 31 | 27 |
| Russians..... | 70 | 107 | 99 | 89 |
| Scandinavians..... | 33 | 25 | 85 | 57 |
| Syrians..... | 38 | 26 | 18 | 12 |
| All others..... | 276 | 147 | 210 | 76 |
| Total..... | 27,735 | 24,713 | 26,538 | 31,833 |

TABLE NO. 56.—Migration of Filipino laborers, by provinces of destination and agencies where recruited, 1920 and 1921

[Source: Bureau of Labor]

| Province of destination. | 1920 | 1921 | Province of destination. | 1920 | 1921 |
|--------------------------|-------|-------|--------------------------|--------|-------|
| Agusan..... | 64 | 305 | Mindoro..... | 62 | 165 |
| Albay..... | 270 | ..... | Misamis..... | 278 | 793 |
| Bukidnon..... | 4 | 59 | Negros Occidental..... | 1,068 | 226 |
| Bulacan..... | 6 | ..... | Negros Oriental..... | ..... | 33 |
| Cagayan..... | 73 | 7 | Nueva Vizcaya..... | 616 | 82 |
| Cavite..... | 2 | ..... | Palawan..... | 121 | ..... |
| Cebu..... | ..... | 8 | Pampanga..... | 119 | ..... |
| Corregidor..... | 11 | ..... | Rizal..... | 2 | ..... |
| Cotabato..... | 715 | 1,002 | Samar..... | ..... | 12 |
| Davao..... | 373 | 152 | Surigao..... | 52 | 53 |
| Isabela..... | 234 | 179 | Tayabas..... | 369 | 27 |
| Laguna..... | 56 | 113 | Zamboanga..... | 176 | 111 |
| Lanao..... | 141 | 518 | All others..... | 11,458 | 74 |
| Leyte..... | ..... | 44 | | | |
| Manila..... | 11 | 4 | Total..... | 16,281 | 3,967 |

| Agencies. | 1920 | 1921 | Agencies. | 1920 | 1921 |
|---------------|-------|-------|-----------------|--------|-------|
| Davao..... | ..... | 3 | Bohol..... | 144 | 462 |
| Cebu..... | 1,347 | 2,163 | Pampanga..... | 109 | 248 |
| Iloilo..... | 454 | 144 | Batangas..... | 325 | 25 |
| Antique..... | 830 | 149 | Manila..... | 110 | 176 |
| Albay..... | 85 | 31 | All others..... | 11,458 | |
| Ilocos..... | 403 | 133 | | | |
| La Union..... | 1,066 | 433 | Total..... | 16,281 | 3,967 |

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